Internal Working Document

NO.90-02

# REPORT ON THE RESULTS OF THE PRE AND POST SPRAY SURVEYS OF THE 1988 HERBICIDE PROGRAM

Natural Resources and Energy / Ressources naturelles et Énergie

Timber Management Branch

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# INTRODUCTION

In 1988 the Department of Natural Resources and Energy aerially treated 19,870 ha of plantations and naturally regenerated cutovers on Crown land with Vision herbicide.

These treatments are expected to eventually procure a "free-to-grow" environment for the more valuable softwood stock during the early stages of their development. As defined in the Forest Management Manual, softwood plantations will be considered "free-to-grow" if 75 percent or more of an area has the planted stock and acceptable natural regeneration greater in height (or dominating) than competing vegetation five years after establishment. A "free-to-grow" environment is necessary to prevent the competition from causing mortality or growth loss to the planted stock, which would eventually cause an unacceptable reduction in the expected stand volume at harvest.

Two separate studies were undertaken in 1989 to determine the success of the 1988 program - one being an intensive ground and the other an extensive aerial. The ground survey was conducted comparable to other years where both pre-spray (carried out in June, July 1988) and a post spray (carried out June, July 1989) surveys were carried out on 25% of the areas treated. These surveys included natural cutovers as well as plantations. The aerial survey was conducted from June 12 to June 24, 1989 to assess how effective the spray coverage had been.

## METHODS

### AERIAL SURVEY

Small fixed wing aircraft (i.e. Cessna 172) were used by Timber Management Branch staff to photograph every block treated in 1988. These photo- graphs were then analysed to determine the degree of success of the spray coverage. The degree of success of each block was placed in one of the following categories.

1) Success - 90 percent or more of the area exhibiting dead residual competition.
2) Acceptable - between 10 and 20 percent of area showing green striping.
3) Unacceptable - greater than 20 percent of area showing green striping.
4) Questionable - areas showing uneven control (usually caused by rain within 6 hours of treatment, or rates of Vision used were too low).

The unacceptable blocks were automatically included in the 1989 spray program. The acceptable blocks were also included but would not be treated unless they were adjacent to 1989 blocks. The questionable areas were surveyed from the ground before a decision on which ones would be re-treated was made.

### GROUND SURVEY

The same methods were employed as outlined in "Technique No. 89-02 - Report on the Results of the Pre and Post Spray Surveys of the 1987 Herbicide Program" with the exception that 7 plots were used as count points for both the pre and post spray surveys.

The percent stocking, dominance and the density of all individual species as well as the major grouped species for each Licensee are found in Tables 1, 2, and 3 respectively and dominance and density results graphically demonstrated in Figures 1 and 2, respectively.

Appendix I contains a list of the species comprising the two competition groups. Appendix II is the summary of the pre and post spray data analysis for all Licensees. Appendices III contain the pre and post spray summaries for each Licensee. Pre and post spray analysis of individual blocks are on file at Timber Management Branch.

TABLE 1. Average Stocking (%) levels of all individual and major species groups for each Licensee before and after herbicide treatment.

| Species | Upsalquitch | | Nepisiguit | | Lower Miramichi | | Carleton | | Queens-Charlotte | | Fundy | | York | | Restigouche-Tobique | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post |
| Ash | 2 | 1 | 1 | | | | | | 1 | | 1 | | 2 | | 3 | |
| Beech | | | | | 1 | | 9 | 1 | | | | | 20 | 6 | | |
| Ironwood | | | | | | | | | | | | | 2 | | | |
| Red Maple | 13 | 7 | 15 | 5 | 11 | 6 | 37 | 15 | 39 | 23 | 11 | 14 | 33 | 14 | 9 | 4 |
| Sugar Maple | 6 | 4 | 2 | 1 | 5 | 4 | 11 | 5 | | | 2 | 1 | | | | |
| White Birch | 34 | 13 | 31 | 13 | 50 | 22 | 26 | 3 | 42 | 15 | 13 | 5 | 59 | 20 | 26 | 7 |
| Poplar | 27 | 16 | 15 | 17 | 11 | 3 | 4 | 1 | 13 | 2 | 4 | 2 | 39 | 4 | 4 | 2 |
| Yellow Birch | 1 | 1 | | | 8 | 3 | 16 | | 5 | | 1 | 1 | 2 | | 5 | 1 |
| Red Maple Sprouts | 3 | 8 | 5 | 12 | 25 | 21 | 5 | 4 | 16 | 14 | 12 | 3 | 6 | 2 | 1 | 3 |
| Sugar Maple Sprouts | 1 | 2 | 1 | | 2 | | 2 | 1 | | | 1 | | | | 1 | 1 |
| Beech Stump Sprouts | | | | | | | | | | | | | | | | |
| Other Common HWDS | | | | 16 | 1 | | 5 | | 10 | 14 | 16 | 26 | | | | 25 |
| COMM. HWD TOTAL | 62 | 49 | 51 | 52 | 75 | 50 | 70 | 26 | 76 | 52 | 46 | 44 | 94 | 41 | 53 | 38 |
| Pin Cherry | 29 | 6 | 25 | 10 | 25 | 8 | 37 | 1 | 19 | 2 | 5 | 2 | 43 | 10 | 44 | 6 |
| Raspberry | 94 | 89 | 86 | 62 | 52 | 21 | 85 | 22 | 38 | 20 | 75 | 60 | 86 | 22 | 97 | 78 |
| Bracken | 21 | 8 | 32 | 21 | 62 | 31 | 12 | 8 | 64 | 46 | 36 | 5 | 65 | 20 | 37 | 4 |
| Fireweed | 78 | 63 | 87 | 75 | 37 | 31 | 11 | 4 | 7 | 5 | 5 | 16 | 16 | | 47 | 36 |
| Ericaceous Species | 13 | 42 | 18 | 36 | 20 | 5 | 8 | | 47 | 52 | 19 | 31 | 2 | | 10 | 58 |
| Willow | 5 | 1 | 4 | 5 | | | 2 | | 3 | 2 | 1 | 1 | 4 | | 1 | 2 |
| Hobblebush | | | | | 5 | 1 | 5 | | 1 | | | | | | 1 | |
| Elderberry | 18 | 6 | 18 | 7 | 4 | 1 | 14 | 2 | 3 | 1 | 4 | 5 | 29 | | 15 | 6 |
| Hazel | 19 | 5 | 27 | 9 | 5 | | 5 | | 3 | | 7 | | 6 | | 4 | |
| Grey Birch | | | | | 2 | | | | 2 | | 10 | 5 | | | | |
| Alder | 1 | | 2 | 1 | | | 1 | | 3 | 1 | 6 | 1 | | | | |
| Striped Maple | 9 | 1 | 2 | 2 | 6 | 4 | 8 | 4 | 2 | 1 | | | | 2 | 1 | |
| Mountain Maple | 9 | 6 | 7 | 2 | | | 2 | | 1 | | 3 | | 4 | 2 | 18 | 4 |
| Grass over 50% | 4 | | 4 | | 4 | | 7 | | 5 | 1 | 11 | 4 | 2 | | 1 | |
| Grass under 50% | 22 | 10 | 25 | 1 | 32 | | 13 | | 16 | 1 | 17 | 17 | 6 | 8 | 28 | 9 |
| NON-COMM. TOTAL | 97 | 95 | 99 | 100 | 97 | 54 | 98 | 33 | 95 | 81 | 96 | 85 | 100 | 53 | 99 | 95 |
| COMM. SOFTWOOD TOTAL | 60 | 74 | 63 | 71 | 82 | 91 | 72 | 82 | 73 | 80 | 66 | 70 | 71 | 82 | 69 | 75 |

TABLE 2. Average Dominance (%) levels of all individual and major stocked species groups for each Licensee before and after herbicide treatment.

| Species | Upsalquitch | | Nepisiguit | | Lower Miramichi | | Carleton | | Queens-Charlotte | | Fundy | | York | | Restigouche-Tobique | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post |
| Ash | 1 | 1 | | | | | | | | | | | | | | |
| Beech | | | | | | | 1 | 3 | | | | | 4 | 4 | | |
| Ironwood | | | | | | | | | | | | | | | | |
| Red Maple | 2 | 1 | | 1 | 1 | 6 | 4 | 6 | 8 | 6 | 4 | 3 | 4 | 4 | 2 | 2 |
| Sugar Maple | | 1 | | | | | 3 | 2 | | | 1 | | | | | |
| White Birch | 10 | 6 | 10 | 5 | 17 | 4 | 7 | 1 | 14 | 5 | 5 | 3 | 41 | 16 | 7 | 1 |
| Poplar | 19 | 15 | 12 | 13 | 5 | 1 | 2 | 1 | 8 | 1 | 1 | | 27 | | 1 | |
| Yellow Birch | 1 | | | | 2 | | 1 | | 1 | | | | | | | |
| Red Maple Sprouts | 1 | 6 | 3 | 6 | 11 | 16 | 4 | | 5 | 7 | 5 | 2 | 4 | 2 | | 1 |
| Sugar Maple Sprouts | 1 | | 1 | | | | 1 | 1 | | | 1 | | | | | |
| Beech Stump Sprouts | | | | | | | | | | | | | | | | |
| Other Common Hwds | | | | 1 | 1 | | | | | 1 | 1 | 1 | | | | 5 |
| COMM. HWD. TOTAL | 35 | 28 | 27 | 26 | 39 | 22 | 21 | 13 | 38 | 22 | 18 | 10 | 80 | 27 | 12 | 10 |
| Pin Cherry | 13 | 1 | 11 | 2 | 9 | 3 | 24 | 1 | 4 | | 2 | 1 | 4 | 2 | 32 | 2 |
| Raspberry | 12 | 30 | 7 | 6 | 4 | | 28 | 9 | 2 | 1 | 29 | 22 | 8 | 2 | 24 | 29 |
| Bracken | | | 2 | 1 | 7 | 1 | 3 | 3 | 14 | 10 | 3 | | 2 | 2 | 1 | |
| Fireweed | 19 | 14 | 32 | 37 | 7 | 11 | 3 | 3 | | 1 | | 3 | | | 12 | 16 |
| Ericaceous Species | 2 | 3 | 2 | 2 | 2 | 1 | | | 6 | 5 | 5 | 3 | 2 | | 1 | 2 |
| Willow | 2 | 1 | 2 | 3 | | | 1 | | 1 | | | | | | 1 | 1 |
| Hobblebush | | | | | | | | | | | | | | | | |
| Elderberry | 6 | 1 | 5 | | | 1 | 6 | 1 | | | 1 | | | | 2 | 1 |
| Hazel | 7 | 3 | 4 | | 1 | | | | | | 2 | | | | 1 | |
| Grey Birch | | | | | | | | | 1 | | 3 | 1 | | | | |
| Alder | | | 1 | 1 | | | | | 2 | | 5 | 1 | | | | |
| Striped Maple | 3 | 1 | | | | | 2 | 3 | 1 | | | | | 2 | | |
| Mountain Maple | 2 | 4 | | | | | | | | | 1 | | | 2 | 4 | 2 |
| Grass over 50% | | | 1 | | 3 | | 4 | | 1 | | 4 | 2 | | | | |
| Grass over 50% | | | | | | | 2 | | | | | 5 | | | 1 | |
| NON-COMM. TOTAL | 65 | 57 | 68 | 53 | 33 | 17 | 72 | 19 | 31 | 18 | 55 | 37 | 16 | 10 | 80 | 53 |
| COMM. SOFTWOOD TOTAL | 1 | 15 | 6 | 21 | 29 | 61 | 7 | 68 | 32 | 60 | 27 | 53 | 4 | 63 | 8 | 37 |

FIGURE 1.

# AVERAGE PERCENT DOMINANCE

## FOR PRE AND POST HERBICIDE ASSESSMENT FOR 1988

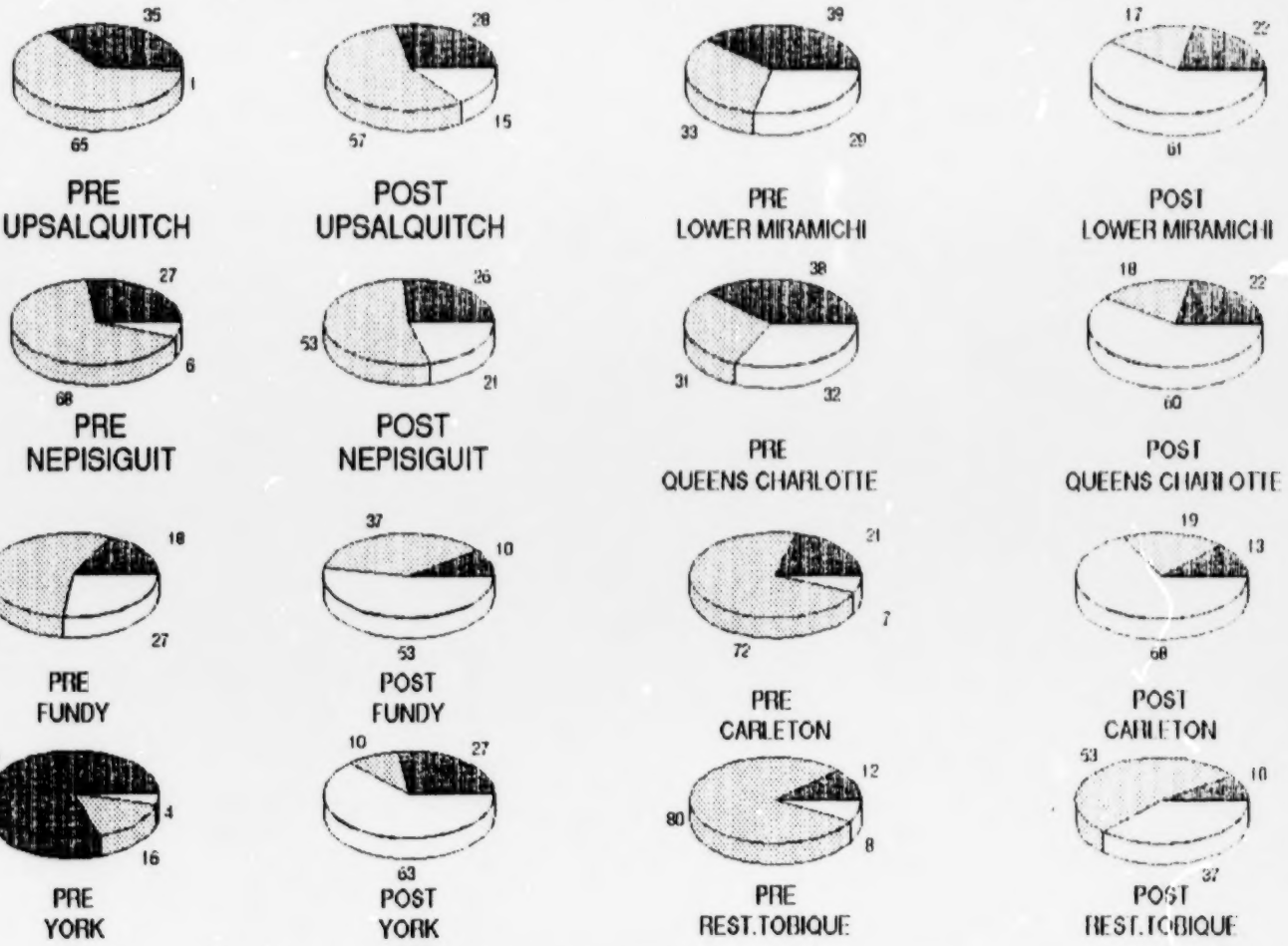


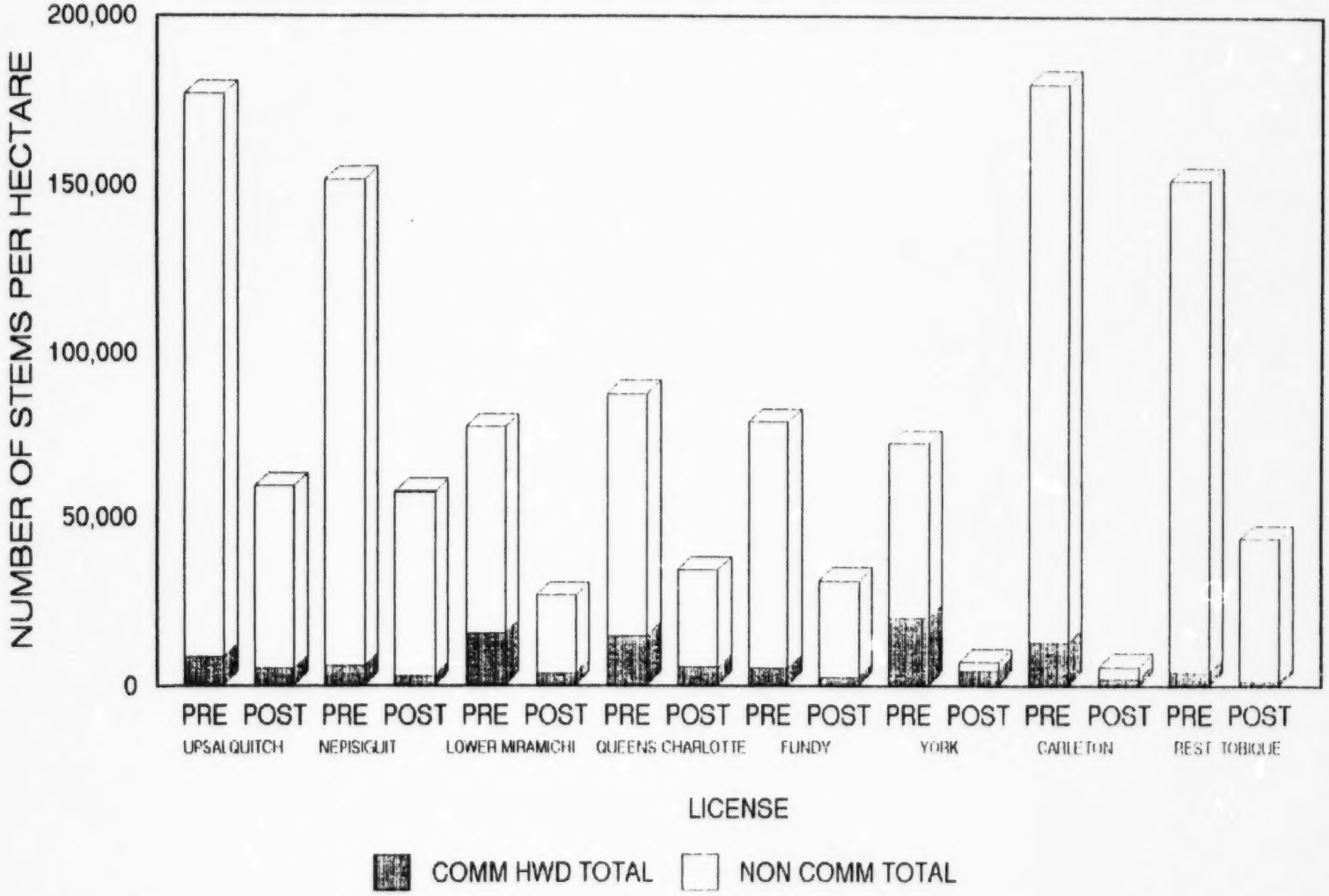
TABLE 3. Density (stems/ha) of all individual and major species groups for each Licensee before and after herbicide treatment.

| Species | Upsalquitch | | Nepisiguit | | Lower Miramichi | | Carleton | | Queens-Charlotte | | Fundy | | York | | Restigouche-Tobique | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post | Pre | Post |
| Ash | 94 | 63 | 137 | | | | | | 69 | | | | | | 179 | |
| Beech | | | | | | | 1 151 | | | | | | 893 | 714 | | |
| Ironwood | | | | | | | | | | | | | | | | |
| Red Maple | 531 | 313 | 907 | 291 | 357 | 179 | 4 325 | 1 032 | 4 585 | 1 467 | 929 | 1 571 | 5 536 | 1 964 | 833 | 286 |
| Sugar Maple | 188 | 94 | 82 | 58 | 60 | 179 | 1 508 | 278 | | | 286 | 71 | | | 40 | 18 |
| White Birch | 3 313 | 1 281 | 2 170 | 669 | 10 952 | 1 369 | 2 738 | 357 | 6 094 | 1 356 | 1 571 | 71 | 6 964 | 1 250 | 2 123 | 268 |
| Poplar | 3 469 | 2 125 | 1 676 | 872 | 774 | 119 | 119 | | 1 486 | 67 | 500 | 357 | 6 250 | 357 | 139 | 36 |
| Yellow Birch | | 31 | | | 655 | 119 | 1 389 | | 518 | | 71 | | 179 | | 119 | 36 |
| Red Maple Sprouts | 156 | 969 | 604 | 785 | 1 845 | 1 429 | 1 270 | 317 | 1 763 | 2 189 | | | | | 258 | 179 |
| Sugar Maple Sprouts | 406 | | | | 417 | | | | 12 | | | | | | | 71 |
| Beech Stump Sprouts | | | | | | | | | 35 | | | | | | | |
| Other Common Hwds | | | | | | | | | | | 1 429 | | | | | |
| COMM. HWD. TOTAL | 8 156 | 4 875 | 5 577 | 2 674 | 15 060 | 3 393 | 12 500 | 1 984 | 14 562 | 5 078 | 4 786 | 2 071 | 19 821 | 4 286 | 3 690 | 893 |
| Pin Cherry | 2 125 | 125 | 1 978 | 291 | 5 298 | 1 667 | 6 746 | 159 | 1 694 | 456 | 214 | | 2 679 | 179 | 6 171 | 286 |
| Raspberry | 87 250 | 26 094 | 79 258 | 21 424 | 24 226 | 4 286 | 139 246 | 2 460 | 19 885 | 3 756 | 37 571 | 19 571 | 25 714 | | 107 639 | 22 732 |
| Bracken | 4 344 | 1 031 | 9 148 | 3 401 | 15 298 | 4 762 | 7 698 | 794 | 24 885 | 11 589 | 10 286 | 1 071 | 11 250 | 2 143 | 8 373 | 875 |
| Fireweed | 58 000 | 19 313 | 43 214 | 18 169 | 13 393 | 11 548 | 5 238 | | 1 141 | 456 | 429 | 1 143 | 2 321 | | 11 687 | 6 000 |
| Ericaceous Species | 10 219 | 6 156 | 4 038 | 8 517 | 2 381 | 417 | 3 889 | | 22 650 | 13 189 | 21 500 | 6 071 | 2 500 | | 7 401 | 12 357 |
| Willow | 375 | | 137 | 494 | | | 79 | | 253 | 78 | | 786 | | | 218 | 71 |
| Hobblebush | | | | | 238 | 536 | 437 | | 818 | | | | | | 278 | 18 |
| Elderberry | 1 063 | 281 | 1 374 | 727 | 119 | | 913 | | 276 | 22 | | 286 | 7 679 | | 1 151 | 268 |
| Hazel | 4 313 | 1 031 | 215 | 1 308 | 952 | | 1 905 | | 680 | | 1 214 | | | | 893 | 18 |
| Grey Birch | | | | | | | | | 184 | | 786 | 71 | | | | |
| Alder | 188 | | | | | | | | 265 | 44 | 1 929 | | | | 317 | |
| Striped Maple | 344 | | 27 | 291 | 238 | 179 | 397 | 40 | 115 | | | | | | 20 | 36 |
| Mountain Maple | 344 | 281 | 467 | 494 | | | 833 | | 35 | 33 | 143 | | 357 | | 3 433 | 304 |
| Grass over 50% | | | | | | | | | | | | | | | | |
| Grass over 50% | | | | | | | | | | | | | | | | |
| NON-COMM. TOTAL | 168 563 | 54 313 | 145 632 | 54 942 | 62 143 | 23 393 | 167 381 | 3 452 | 72 892 | 29 256 | 74 071 | 29 000 | 52 500 | 2 321 | 147 579 | 42 964 |
| COMM. SOFTWOOD TOTAL | 2 375 | 3 063 | 3 214 | 3 692 | 5 655 | 6 131 | 3 770 | 4 484 | 7 454 | 6 767 | 5 214 | 4 571 | 5 000 | 4 464 | 4 226 | 3 500 |

FIGURE 2.

# AVERAGE DENSITY

## FOR PRE AND POST HERBICIDE ASSESSMENT FOR 1988



## RESULTS AND DISCUSSION

### AERIAL SURVEY

The interpretation of the photography indicated that just over 80 percent of the blocks had a successful treatment. About 8 percent of the blocks were deemed unacceptable. These areas with large missed swaths seemed to be most frequent on larger natural cutovers with undefined boundaries and absence of road systems in the cutover, both advantageous for proper aircraft navigation. Eighteen of the twenty-two blocks in this category had their missed areas re-treated in 1989.

Another 6 percent of the blocks were deemed questionable. After the ground survey data was analysed 10 of the 25 blocks in this category needed re-treatment and therefore were re-sprayed in 1989.

Of the remaining 6 percent of the areas that were placed in the acceptable categories none were re-treated in 1989.

### GROUND SURVEY

#### Stocking

The hardwood and non-commercial stocking levels (Table 1) were decreased on each Licensee except Nepisiguit's where each of these components had about a 2 percent increase. The decrease in hardwood on the rest of the Licenses ranged from 4 percent for the Fundy License up to 65 percent for the Carleton License for an overall average of 27 percent. The decrease in stocking for the non commercials ranged from 2 percent for the Upsalquitch up to 66 percent for the Carleton License for an overall average of 17 percent stocking reduction.

The slight increase in hardwood stocking on Nepisiguit's License and the slight decrease on the Fundy License is mainly due to red maple resprouting on the former and poor control on these residuals on the latter. Other hardwood species that were difficult to control were trembling aspen on the Nepisiguit License and red maple sprouting on Lower Miramichi's. Other hardwood species, not individually identified in the survey had an influx into areas treated on the Nepisiguit, Queens-Charlotte, Fundy and Restigouche-Tobique Licenses which increased the amount of hardwood stocking in the post spray survey.

The stocking of ericaceous species increased dramatically after herbicide treatment on five of the eight Licenses. Both raspberry and fireweed control especially in the northern part of the Province (Upsalquitch, Nepisiguit and Restigouche-Tobique) were lower then expected.

Dominance

Dominance is a key indicator on how effective a herbicide treatment is. As stated in the introduction, the FMM defines a successful plantation as one that has at least 75 percent of the softwood in a dominant position (not overtopped) after 5 years.

All the Licenses showed an increase in dominance of the softwood stock after herbicide treatment, ranging from 89 to 1 400 percent (Table 2, Figure 1). The smallest increases were again mainly in the northern part of the province where hardwood and non-commercial species reduction was the lowest. Fireweed dominance also increased in the north.

The five Licenses in the southern two thirds of the Province now have their softwood species dominating at least 50% of their sites, with four of them over the 60% level. The increase in softwood dominance was brought about at the expense of mainly the non commercial species rather than the hardwood.

Density

Density reduction for the hardwood species ranged from 40 to 78 percent with an average of 66 percent. Reduction in non-commercial densities is a little higher with a range of 61 to 98 percent and an average of 70 percent (Table 3, Figure 2).

Red maple sprouts increased their density on the Upsalquitch, Nepisiguit and Queens-Charlotte Licenses. All other hardwood species except sugar maple and red maple on the Lower Miramichi and Fundy Licenses, respectively, had their pre spray density levels reduced.

Ericaceous species did increase their density on the Nepisiguit and Restigouche-Tobique Licenses. Nepisiguit also had slight density increase for willow, hazel and striped maple while Fundy had slight increase for willow and elderberry.

Compared to results of the 1987 spray program, the 1988 program seems a lot less successful. However, for the 1987 survey, only 2 and 3 year old plantations were sampled whereas more older plantations and natural release areas were surveyed in 1988. The older the area is, the more developed the competition becomes. For instance the pre-spray hardwood stocking was twice as heavy on the Upsalquitch License before 1988 operations as was the case prior to the 1987 program. This holds true also for the two other northern Licenses - Nepisiguit and Restigouche-Tobique.

Density reductions are similar for both years. In 1987 the average hardwood reduction was 60 percent, while average reduction in 1988 was 66 percent.

## APPENDIX I

List of Various Species Comprising the Hardwood and Non-commercial Groups

| COMMERICAL HWDS | CODE |
|---|---|
| ASH | A |
| BEECH | B |
| IRONWOOD | I |
| RED MAPLE SPROUTS | K |
| SUGAR MAPLE | M |
| BEECH STUMP SPROUTS | Q |
| RED MAPLE | R |
| TREMBLING ASPEN | T |
| BEECH ROOT SPROUT | V |
| WHITE BIRCH | W |
| YELLOW BIRCH | Y |
| SUGAR MAPLE SPROUTS | Z |

| NON-COMMERCIAL SPECIES | CODE |
|---|---|
| PIN CHERRY | C |
| ERICACEOUS SPECIES | N |
| ALDERS | 9 |
| WILLOW | 8 |
| MOUNTAIN MAPLE | 7 |
| HAZEL | 6 |
| HOBBLEBUSH | 5 |
| ELDERBERRY | 4 |
| RASPBERRY | 3 |
| BRACKEN | 2 |
| STRIPED MAPLE | # |
| FIREWEED | < |
| GRASS 50% | 0 |
| GRASS 50% | U |

## APPENDIX II

Pre and Post-Spray Summary - All Licensees

ALL LICENSEES REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 2171 # POINTS FOR TREE COUNT = 668

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 65 | 3 | 12 | 1 | 37 | 138 | 138 | 1.1 | 21 | 3 | ########## |
| 0 | GRASS OVER 50% | 99 | 5 | 26 | 1 | 1 | 4 | 142 | 0.5 | 1 | 5 | 00000 |
| 2 | BRACKEN | 957 | 44 | 132 | 6 | 3712 | 13892 | 14034 | 0.7 | 273 | 44 | 2222222 |
| 3 | RASPBERRY | 1507 | 69 | 267 | 12 | 17E3 | 65172 | 79207 | 0.8 | 485 | 69 | 33333333 |
| 4 | ELDERBERRY | 224 | 10 | 47 | 2 | 234 | 876 | 80082 | 0.8 | 72 | 10 | 44444444 |
| 5 | HOBBLEBUSH | 28 | 1 | 0 | 0 | 100 | 374 | 80457 | 0.6 | 15 | 1 | 555555 |
| 6 | HAZEL | 168 | 8 | 32 | 1 | 538 | 2013 | 82470 | 1.0 | 72 | 8 | 6666666666 |
| 7 | MOUNTAIN MAPLE | 135 | 6 | 25 | 1 | 229 | 857 | 83327 | 1.0 | 44 | 6 | 7777777777 |
| 8 | WILLOW | 59 | 3 | 17 | 1 | 52 | 195 | 83522 | 1.2 | 21 | 3 | 888888888888 |
| 9 | ALDER | 38 | 2 | 27 | 1 | 72 | 269 | 83791 | 1.3 | 11 | 2 | 9999999999999 |
| < | FIREWEED | 701 | 32 | 182 | 8 | 4493 | 16815 | 100606 | 1.0 | 249 | 32 | <<<<<<<<<< |
| A | ASH | 29 | 1 | 6 | 0 | 23 | 86 | 100692 | 1.1 | 10 | 1 | AAAAAAAAAA |
| B | BEECH | 30 | 1 | 3 | 0 | 34 | 127 | 100820 | 0.8 | 10 | 1 | BBBBBBBB |
| C | PIN CHERRY | 597 | 27 | 288 | 13 | 875 | 3275 | 104094 | 1.2 | 196 | 27 | CCCCCCCCCCC |
| E | CEDAR | 23 | 1 | 0 | 0 | 19 | 71 | 104165 | 0.2 | 9 | 1 | EE |
| F | BALSAM FIR | 546 | 25 | 139 | 6 | 510 | 1909 | 106074 | 0.9 | 153 | 25 | FFFFFFFFF |
| G | GREY BIRCH | 29 | 1 | 9 | 0 | 27 | 101 | 106175 | 0.7 | 8 | 1 | GGGGGGG |
| I | IRONWOOD | 1 | 0 | 0 | 0 | 0 | 0 | 106175 | 0.0 | 0 | 0 | |
| J | JACK PINE | 270 | 12 | 96 | 4 | 96 | 359 | 106534 | 0.9 | 81 | 12 | JJJJJJJJJ |
| K | RED MAPLE SPROUT | 201 | 9 | 78 | 4 | 256 | 958 | 107493 | 0.8 | 49 | 9 | KKKKKKKK |
| L | LARCH | 14 | 1 | 6 | 0 | 12 | 45 | 107537 | 3.2 | 4 | 1 | LLLLLLLLLLLLLLLLLL |
| M | SUGAR MAPLE | 48 | 2 | 8 | 0 | 54 | 202 | 107740 | 0.7 | 15 | 2 | MMMMMM |
| N | ERICACEOUS SPECIES | 547 | 25 | 70 | 3 | 3266 | 12223 | 119963 | 0.6 | 167 | 25 | NNNNNN |
| P | WHITE + RED PINE | 89 | 4 | 30 | 1 | 33 | 124 | 120086 | 0.9 | 24 | 4 | PPPPPPPPP |
| Q | BEECH STUMP SPROUTS | 1 | 0 | 0 | 0 | 3 | 11 | 120097 | 0.3 | 1 | 0 | QQQ |
| R | RED MAPLE | 526 | 24 | 95 | 4 | 649 | 2429 | 122526 | 1.0 | 164 | 24 | RRRRRRRRR |
| S | SPRUCE | 1044 | 48 | 109 | 5 | 674 | 2522 | 125049 | 0.8 | 351 | 48 | SSSSSSSS |
| T | POPLAR | 247 | 11 | 156 | 7 | 366 | 1370 | 126418 | 1.7 | 91 | 11 | TTTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 444 | 20 | 12 | 1 | 3 | 11 | 126430 | 0.9 | 1 | 20 | UUUUUUUUU |
| V | OTHER COMMON HARDWOODS | 113 | 5 | 4 | 0 | 20 | 75 | 126504 | 1.1 | 1 | 5 | VVVVVVVVVV |
| W | WHITE BIRCH | 742 | 34 | 243 | 11 | 1135 | 4248 | 130752 | 1.1 | 251 | 34 | WWWWWWWWW |
| Y | YELLOW BIRCH | 107 | 5 | 12 | 1 | 99 | 371 | 131123 | 0.9 | 41 | 5 | YYYYYYYYY |
| Z | SUGAR MAPLE SPROUT | 19 | 1 | 11 | 1 | 21 | 79 | 131201 | 0.7 | 4 | 1 | ZZZZZZZ |
| $ | COMBINED SPRUCE-FIR | 1329 | 61 | 248 | 12 | 1184 | 4431 | 131201 | . | . | 61 | |
| | COMMERCIAL SOFTWOODS | 1518 | 70 | 380 | 18 | 1344 | 5030 | 131201 | . | . | 70 | |
| | COMMERCIAL HARDWOODS | 1351 | 62 | 616 | 29 | 2660 | 9955 | 131201 | . | . | 62 | |
| | NON-COMMERCIAL | 2104 | 97 | 1146 | 54 | 31E3 | 116216 | 131201 | . | . | 97 | |
| | ALL SPECIES | 2145 | 99 | 2142 | 100 | 35E3 | 131201 | 131201 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 2135 | 98 | 1762 | 82 | 34E3 | 126171 | 131201 | . | . | 98 | |

1988 POST SPRAY SURVEY ( not including missed swathes )

ALL LICENSEES  REGION = ALL REGIONS  BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 2123  # POINTS FOR TREE COUNT = 685

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 22 | 1 | 10 | 0 | 16 | 58 | 58 | 0.9 | 7 | 1 | ######### |
| - | missed swath | 5 | 0 | 0 | 0 | 0 | 0 | 58 | 0.0 | 0 | 0 | |
| 0 | GRASS OVER 50% | 11 | 1 | 5 | 0 | 0 | 0 | 58 | 0.0 | 0 | 0 | |
| 2 | BRACKEN | 484 | 23 | 81 | 4 | 1369 | 4996 | 5055 | 0.7 | 158 | 23 | 2222222 |
| 3 | RASPBERRY | 987 | 46 | 257 | 12 | 3591 | 13106 | 18161 | 0.7 | 340 | 46 | 3333333 |
| 4 | ELDERBERRY | 72 | 3 | 14 | 1 | 55 | 201 | 18361 | 0.8 | 26 | 3 | 44444444 |
| 5 | HOBBLEBUSH | 2 | 0 | 0 | 0 | 10 | 36 | 18398 | 0.6 | 3 | 0 | 555555 |
| 6 | HAZEL | 33 | 2 | 4 | 0 | 79 | 288 | 18686 | 0.9 | 10 | 2 | 666666666 |
| 7 | MOUNTAIN MAPLE | 38 | 2 | 18 | 1 | 46 | 168 | 18854 | 1.1 | 16 | 2 | 77777777777 |
| 8 | WILLOW | 36 | 2 | 13 | 1 | 33 | 120 | 18974 | 1.0 | 15 | 2 | 8888888888 |
| 9 | ALDER | 10 | 0 | 6 | 0 | 4 | 15 | 18989 | 2.3 | 3 | 0 | 999999999999999999 |
| < | FIREWEED | 555 | 26 | 205 | 10 | 1830 | 6679 | 25668 | 0.9 | 210 | 26 | <<<<<<<<< |
| A | ASH | 5 | 0 | 1 | 0 | 2 | 7 | 25675 | 1.6 | 1 | 0 | AAAAAAAAAAAAAAAA |
| B | BEECH | 5 | 0 | 2 | 0 | 4 | 15 | 25690 | 2.1 | 2 | 0 | BBBBBBBBBBBBBBBBBB |
| C | PIN CHERRY | 91 | 4 | 25 | 1 | 71 | 259 | 25949 | 1.2 | 27 | 4 | CCCCCCCCCCCC |
| E | CEDAR | 13 | 1 | 0 | 0 | 7 | 26 | 25974 | 0.8 | 7 | 1 | EEEEEEEE |
| F | BALSAM FIR | 595 | 28 | 285 | 14 | 589 | 2150 | 28124 | 1.4 | 201 | 28 | FFFFFFFFFFFFFF |
| G | GREY BIRCH | 7 | 0 | 1 | 0 | 1 | 4 | 28128 | 0.3 | 1 | 0 | GGG |
| H | HEMLOCK | 2 | 0 | 0 | 0 | 1 | 4 | 28131 | 0.2 | 1 | 0 | HH |
| J | JACK PINE | 286 | 13 | 199 | 10 | 106 | 387 | 28518 | 1.2 | 97 | 13 | JJJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 195 | 9 | 106 | 5 | 297 | 1084 | 29602 | 2.0 | 71 | 9 | KKKKKKKKKKKKKKKKK |
| L | LARCH | 10 | 0 | 7 | 0 | 5 | 18 | 29620 | 2.4 | 4 | 0 | LLLLLLLLLLLLLLLLL |
| M | SUGAR MAPLE | 26 | 1 | 5 | 0 | 17 | 62 | 29682 | 0.8 | 9 | 1 | MMMMMMMM |
| N | ERICACEOUS SPECIES | 870 | 41 | 58 | 3 | 2461 | 8982 | 38664 | 0.3 | 261 | 41 | NNN |
| P | WHITE + RED PINE | 111 | 5 | 35 | 2 | 49 | 179 | 38843 | 1.3 | 37 | 5 | PPPPPPPPPPPPP |
| R | RED MAPLE | 276 | 13 | 77 | 4 | 230 | 839 | 39682 | 1.0 | 96 | 13 | RRRRRRRRRR |
| S | SPRUCE | 1165 | 55 | 444 | 22 | 578 | 2109 | 41792 | 0.9 | 409 | 55 | SSSSSSSSS |
| T | POPLAR | 99 | 5 | 64 | 3 | 115 | 420 | 42212 | 1.8 | 41 | 5 | TTTTTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 99 | 5 | 10 | 0 | 0 | 0 | 42212 | 0.0 | 0 | 0 | |
| V | OTHER COMMON HARDWOODS | 314 | 15 | 37 | 2 | 0 | 0 | 42212 | 0.0 | 0 | 0 | |
| W | WHITE BIRCH | 237 | 11 | 83 | 4 | 241 | 880 | 43091 | 1.1 | 93 | 15 | |
| Y | YELLOW BIRCH | 11 | 1 | 3 | 0 | 5 | 18 | 43109 | 0.8 | 3 | 11 | WWWWWWWWWW |
| Z | SUGAR MAPLE SPROUT | 8 | 0 | 3 | 0 | 4 | 15 | 43124 | 1.1 | 1 | 1 | YYYYYYYY |
| $ | COMBINED SPRUCE-FIR | 1457 | 69 | 729 | 35 | 1167 | 4259 | 43124 | . | . | 0 | ZZZZZZZZZZ |
| | COMMERCIAL SOFTWOODS | 1647 | 78 | 970 | 47 | 1335 | 4872 | 43124 | . | . | 69 | |
| | COMMERCIAL HARDWOODS | 957 | 45 | 381 | 19 | 915 | 3339 | 43124 | . | . | 78 | |
| | NON-COMMERCIAL | 1723 | 81 | 707 | 34 | 9566 | 34912 | 43124 | . | . | 45 | |
| | ALL SPECIES | 2083 | 98 | 2058 | 100 | 12E3 | 43124 | 43124 | . | . | 81 | |
| | HARDWOOD + NON-COMMERCIAL | 1880 | 89 | 1088 | 53 | 10E3 | 38252 | 43124 | . | . | 98 | |
| | | | | | | | | | | | 89 | |

## APPENDIX III

Pre and Post Spray Summary by Individual Licensee

UPSALQUITCH REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 175 # POINTS FOR TREE COUNT = 80

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 16 | 9 | 5 | 3 | 11 | 344 | 344 | 0.6 | 6 | 9 | ###### |
| 0 | GRASS OVER 50% | 7 | 4 | 0 | 0 | 0 | 0 | 344 | 0.0 | 0 | 4 | |
| 2 | BRACKEN | 36 | 21 | 0 | 0 | 139 | 4344 | 4688 | 0.6 | 15 | 21 | 222222 |
| 3 | RASPBERRY | 164 | 94 | 20 | 12 | 2792 | 87250 | 91938 | 0.8 | 77 | 94 | 33333333 |
| 4 | ELDERBERRY | 32 | 18 | 10 | 6 | 34 | 1063 | 93000 | 1.0 | 13 | 18 | 4444444444 |
| 6 | HAZEL | 33 | 19 | 12 | 7 | 138 | 4313 | 97313 | 1.1 | 17 | 19 | 66666666666 |
| 7 | MOUNTAIN MAPLE | 16 | 9 | 3 | 2 | 11 | 344 | 97656 | 1.5 | 3 | 9 | 7777777777777777 |
| 8 | WILLOW | 9 | 5 | 3 | 2 | 12 | 375 | 98031 | 1.4 | 4 | 5 | 88888888888888 |
| 9 | ALDER | 1 | 1 | 0 | 0 | 6 | 188 | 98219 | 0.9 | 1 | 1 | 999999999 |
| < | FIREWEED | 136 | 78 | 33 | 19 | 1856 | 58000 | 156219 | 1.0 | 68 | 78 | <<<<<<<<<< |
| A | ASH | 4 | 2 | 2 | 1 | 3 | 94 | 156313 | 1.8 | 2 | 2 | AAAAAAAAAAAAAAAAAA |
| C | PIN CHERRY | 51 | 29 | 22 | 13 | 68 | 2125 | 158438 | 1.2 | 24 | 29 | CCCCCCCCCCCC |
| E | CEDAR | 2 | 1 | 0 | 0 | 2 | 63 | 158500 | 0.1 | 1 | 1 | E |
| F | BALSAM FIR | 23 | 13 | 0 | 0 | 21 | 656 | 159156 | 0.4 | 9 | 13 | FFFF |
| J | JACK PINE | 3 | 2 | 0 | 0 | 1 | 31 | 159188 | 0.7 | 1 | 2 | JJJJJJJ |
| K | RED MAPLE SPROUT | 6 | 3 | 1 | 1 | 5 | 156 | 159344 | 1.7 | 1 | 3 | KKKKKKKKKKKKKKKK |
| M | SUGAR MAPLE | 10 | 6 | 0 | 0 | 6 | 188 | 159531 | 0.8 | 2 | 6 | MMMMMMMM |
| N | ERICACEOUS SPECIES | 23 | 13 | 3 | 2 | 327 | 10219 | 169750 | 0.7 | 12 | 13 | NNNNNNN |
| P | WHITE + RED PINE | 3 | 2 | 0 | 0 | 1 | 31 | 169781 | 0.2 | 1 | 2 | PP |
| R | RED MAPLE | 23 | 13 | 4 | 2 | 17 | 531 | 170313 | 0.7 | 10 | 13 | RRRRRRR |
| S | SPRUCE | 85 | 49 | 1 | 1 | 51 | 1594 | 171906 | 0.4 | 46 | 49 | SSSS |
| T | POPLAR | 47 | 27 | 33 | 19 | 111 | 3469 | 175375 | 1.5 | 30 | 27 | TTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 39 | 22 | 0 | 0 | 0 | 0 | 175375 | 0.0 | 0 | 22 | |
| W | WHITE BIRCH | 60 | 34 | 17 | 10 | 106 | 3313 | 178688 | 0.8 | 30 | 34 | WWWWWWWW |
| Y | YELLOW BIRCH | 2 | 1 | 1 | 1 | 0 | 0 | 178688 | 0.0 | 0 | 1 | |
| Z | SUGAR MAPLE SPROUT | 2 | 1 | 1 | 1 | 13 | 406 | 179094 | 0.0 | 1 | 1 | |
| $ | COMBINED SPRUCE-FIR | 100 | 57 | 1 | 1 | 72 | 2250 | 179094 | . | . | 57 | |
| | COMMERCIAL SOFTWOODS | 105 | 60 | 1 | 1 | 76 | 2375 | 179094 | . | . | 60 | |
| | COMMERCIAL HARDWOODS | 109 | 62 | 59 | 35 | 261 | 8156 | 179094 | . | . | 62 | |
| | NON-COMMERCIAL | 170 | 97 | 111 | 65 | 5394 | 168563 | 179094 | . | . | 97 | |
| | ALL SPECIES | 171 | 98 | 171 | 100 | 5731 | 179094 | 179094 | . | . | 98 | |
| | HARDWOOD + NON-COMMERCIAL | 170 | 97 | 170 | 99 | 5655 | 176719 | 179094 | . | . | 97 | |

UPSALQUITCH REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 176 # POINTS FOR TREE COUNT = 80

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | STRIPED MAPLE | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| - | missed swath | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| 2 | BRACKEN | 14 | 8 | 0 | 0 | 33 | 1031 | 1031 | 0.5 | 6 | 8 | 22222 |
| 3 | RASPBERRY | 156 | 89 | 47 | 30 | 835 | 26094 | 27125 | 0.7 | 72 | 89 | 3333333 |
| 4 | ELDERBERRY | 10 | 6 | 2 | 1 | 9 | 281 | 27406 | 1.2 | 4 | 6 | 444444444444 |
| 6 | HAZEL | 9 | 5 | 4 | 3 | 33 | 1031 | 28438 | 0.9 | 3 | 5 | 666666666 |
| 7 | MOUNTAIN MAPLE | 11 | 6 | 7 | 4 | 9 | 281 | 28719 | 0.9 | 3 | 6 | 777777777 |
| 8 | WILLOW | 1 | 1 | 1 | 1 | 0 | 0 | 28719 | 0.0 | 0 | 1 | |
| < | FIREWEED | 110 | 63 | 22 | 14 | 618 | 19313 | 48031 | 0.9 | 55 | 63 | <<<<<<<<< |
| A | ASH | 5 | 3 | 1 | 1 | 2 | 63 | 48094 | 1.6 | 1 | 3 | AAAAAAAAAAAAAAA |
| C | PIN CHERRY | 10 | 6 | 2 | 1 | 4 | 125 | 48219 | 0.8 | 3 | 6 | CCCCCCCC |
| E | CEDAR | 1 | 1 | 0 | 0 | 1 | 31 | 48250 | 1.1 | 1 | 1 | EEEEEEEEEE |
| F | BALSAM FIR | 35 | 20 | 3 | 2 | 26 | 813 | 49063 | 0.5 | 14 | 20 | FFFFF |
| J | JACK PINE | 4 | 2 | 4 | 3 | 2 | 63 | 49125 | 1.3 | 2 | 2 | JJJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 14 | 8 | 10 | 6 | 31 | 969 | 50094 | 1.4 | 6 | 8 | KKKKKKKKKKKKK |
| M | SUGAR MAPLE | 7 | 4 | 1 | 1 | 3 | 94 | 50188 | 1.6 | 1 | 4 | MMMMMMMMMMMMMMM |
| N | ERICACEOUS SPECIES | 74 | 42 | 4 | 3 | 197 | 6156 | 56344 | 0.3 | 23 | 42 | NNN |
| P | WHITE + RED PINE | 3 | 2 | 0 | 0 | 1 | 31 | 56375 | 0.2 | 1 | 2 | PP |
| R | RED MAPLE | 13 | 7 | 1 | 1 | 10 | 313 | 56688 | 0.7 | 7 | 7 | RRRRRRR |
| S | SPRUCE | 108 | 61 | 16 | 10 | 68 | 2125 | 58813 | 0.6 | 60 | 61 | SSSSSS |
| T | POPLAR | 29 | 16 | 23 | 15 | 68 | 2125 | 60938 | 1.6 | 20 | 16 | TTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 17 | 10 | 0 | 0 | 0 | 0 | 60938 | 0.0 | 0 | 10 | |
| V | OTHER COMMON HARDWOODS | 9 | 5 | 0 | 0 | 0 | 0 | 60938 | 0.0 | 0 | 5 | |
| W | WHITE BIRCH | 23 | 13 | 9 | 6 | 41 | 1281 | 62219 | 0.7 | 8 | 13 | WWWWWW |
| Y | YELLOW BIRCH | 1 | 1 | 0 | 0 | 1 | 31 | 62250 | 0.4 | 1 | 1 | YYYY |
| Z | SUGAR MAPLE SPROUT | 3 | 2 | 0 | 0 | 0 | 0 | 62250 | 0.0 | 0 | 2 | |
| $ | COMBINED SPRUCE-FIR | 125 | 71 | 19 | 12 | 94 | 2938 | 62250 | . | . | 71 | |
| | COMMERCIAL SOFTWOODS | 131 | 74 | 23 | 15 | 98 | 3063 | 62250 | . | . | 74 | |
| | COMMERCIAL HARDWOODS | 86 | 49 | 45 | 28 | 156 | 4875 | 62250 | . | . | 49 | |
| | NON-COMMERCIAL | 168 | 95 | 90 | 57 | 1738 | 54313 | 62250 | . | . | 95 | |
| | ALL SPECIES | 171 | 97 | 158 | 100 | 1992 | 62250 | 62250 | . | . | 97 | |
| | HARDWOOD + NON-COMMERCIAL | 170 | 97 | 135 | 85 | 1894 | 59188 | 62250 | . | . | 97 | |

1988 PRE SPRAY SURVEY

NEPISIGUIT REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 253 # POINTS FOR TREE COUNT = 91

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STED PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 6 | 2 | 0 | 0 | 1 | 27 | 27 | 0.6 | 1 | 2 | ###### |
| 0 | GRASS OVER 50% | 11 | 4 | 3 | 1 | 0 | 0 | 27 | 0.0 | 0 | 4 | |
| 2 | BRACKEN | 82 | 32 | 4 | 2 | 333 | 9148 | 9176 | 0.8 | 27 | 32 | 22222222 |
| 3 | RASPBERRY | 218 | 86 | 18 | 7 | 2885 | 79258 | 88434 | 0.8 | 87 | 86 | 33333333 |
| 4 | ELDERBERRY | 45 | 18 | 13 | 5 | 50 | 1374 | 89808 | 1.0 | 19 | 18 | 4444444444 |
| 6 | HAZEL | 69 | 27 | 10 | 4 | 215 | 5907 | 95714 | 1.0 | 31 | 27 | 6666666666 |
| 7 | MOUNTAIN MAPLE | 18 | 7 | 0 | 0 | 17 | 467 | 96181 | 0.7 | 9 | 7 | 7777777 |
| 8 | WILLOW | 10 | 4 | 5 | 2 | 5 | 137 | 96319 | 1.3 | 5 | 4 | 8888888888888 |
| 9 | ALDER | 5 | 2 | 2 | 1 | 0 | 0 | 96319 | 0.0 | 0 | 2 | |
| < | FIREWEED | 221 | 87 | 80 | 32 | 1573 | 43214 | 139533 | 1.0 | 76 | 87 | <<<<<<<<<< |
| A | ASH | 3 | 1 | 0 | 0 | 5 | 137 | 139670 | 1.1 | 2 | 1 | AAAAAAAAAA |
| C | PIN CHERRY | 63 | 25 | 28 | 11 | 72 | 1978 | 141648 | 1.3 | 24 | 25 | CCCCCCCCCCCC |
| E | CEDAR | 2 | 1 | 0 | 0 | 2 | 55 | 141703 | 0.6 | 2 | 1 | EEEEEE |
| F | BALSAM FIR | 46 | 18 | 4 | 2 | 39 | 1071 | 142775 | 0.4 | 13 | 18 | FFFF |
| J | JACK PINE | 6 | 2 | 0 | 0 | 5 | 137 | 142912 | 0.6 | 4 | 2 | JJJJJJ |
| K | RED MAPLE SPROUT | 12 | 5 | 7 | 3 | 22 | 604 | 143516 | 1.2 | 4 | 5 | KKKKKKKKKK |
| M | SUGAR MAPLE | 6 | 2 | 0 | 0 | 3 | 82 | 143599 | 0.5 | 2 | 2 | MMMMM |
| N | ERICACEOUS SPECIES | 45 | 18 | 5 | 2 | 147 | 4038 | 147637 | 0.4 | 14 | 18 | NNNN |
| P | WHITE + RED PINE | 1 | 0 | 0 | 0 | 0 | 0 | 147637 | 0.0 | 0 | 0 | |
| R | RED MAPLE | 37 | 15 | 1 | 0 | 33 | 907 | 148544 | 0.7 | 14 | 15 | RRRRRR |
| S | SPRUCE | 135 | 53 | 10 | 4 | 71 | 1951 | 150495 | 0.7 | 58 | 53 | SSSSSS |
| T | POPLAR | 38 | 15 | 31 | 12 | 61 | 1676 | 152170 | 2.6 | 14 | 15 | TTTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 64 | 25 | 1 | 0 | 3 | 82 | 152253 | 0.9 | 1 | 25 | UUUUUUUU |
| V | OTHER COMMON HARDWOODS | 1 | 0 | 1 | 0 | 0 | 0 | 152253 | 0.0 | 0 | 0 | |
| W | WHITE BIRCH | 78 | 31 | 24 | 10 | 79 | 2170 | 154423 | 1.4 | 29 | 31 | WWWWWWWWWWW |
| Z | SUGAR MAPLE SPROUT | 2 | 1 | 2 | 1 | 0 | 0 | 154423 | 0.0 | 0 | 1 | |
| $ | COMBINED SPRUCE-FIR | 155 | 61 | 14 | 6 | 110 | 3022 | 154423 | . | . | 61 | |
| | COMMERCIAL SOFTWOODS | 160 | 63 | 14 | 6 | 117 | 3214 | 154423 | . | . | 63 | |
| | COMMERCIAL HARDWOODS | 130 | 51 | 66 | 27 | 203 | 5577 | 154423 | . | . | 51 | |
| | NON-COMMERCIAL | 250 | 99 | 169 | 68 | 5301 | 145632 | 154423 | . | . | 99 | |
| | ALL SPECIES | 251 | 99 | 249 | 100 | 5621 | 154423 | 154423 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 251 | 99 | 235 | 94 | 5504 | 151209 | 154423 | . | . | 99 | |

1988 POST SPRAY SURVEY ( not including missed swathes )

NEPISIGUIT REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 224 # POINTS FOR TREE COUNT = 86

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STED PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | STRIPED MAPLE | 4 | 2 | 0 | 0 | 10 | 291 | 291 | 0.9 | 3 | 2 | 00000000 |
| 2 | BRACKEN | 47 | 21 | 3 | 1 | 117 | 3401 | 3692 | 0.6 | 18 | 21 | 222222 |
| 3 | RASPBERRY | 139 | 62 | 13 | 6 | 737 | 21424 | 25116 | 0.7 | 55 | 62 | 3333333 |
| 4 | ELDERBERRY | 15 | 7 | 1 | 0 | 25 | 727 | 25843 | 0.9 | 10 | 7 | 444444444 |
| 6 | HAZEL | 20 | 9 | 0 | 0 | 45 | 1308 | 27151 | 0.9 | 6 | 9 | 666666666 |
| 7 | MOUNTAIN MAPLE | 5 | 2 | 1 | 0 | 17 | 494 | 27645 | 0.9 | 4 | 2 | 777777777 |
| 8 | WILLOW | 12 | 5 | 6 | 3 | 11 | 320 | 27965 | 1.1 | 5 | 5 | 88888888888 |
| 9 | ALDER | 3 | 1 | 2 | 1 | 0 | 0 | 27965 | 0.0 | 0 | 1 | |
| < | FIREWEED | 167 | 75 | 82 | 37 | 625 | 18169 | 46134 | 1.0 | 64 | 75 | <<<<<<<<<< |
| C | PIN CHERRY | 22 | 10 | 5 | 2 | 10 | 291 | 46424 | 1.6 | 5 | 10 | CCCCCCCCCCCCCCC |
| F | BALSAM FIR | 43 | 19 | 11 | 5 | 45 | 1308 | 47733 | 0.9 | 20 | 19 | FFFFFFFFF |
| J | JACK PINE | 2 | 1 | 1 | 0 | 3 | 87 | 47820 | 1.3 | 2 | 1 | JJJJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 26 | 12 | 14 | 6 | 27 | 785 | 48605 | 1.4 | 7 | 12 | KKKKKKKKKKKKK |
| M | SUGAR MAPLE | 2 | 1 | 0 | 0 | 2 | 58 | 48663 | 1.2 | 1 | 1 | MMMMMMMMMMM |
| N | ERICACEOUS SPECIES | 81 | 36 | 5 | 2 | 293 | 8517 | 57180 | 0.3 | 30 | 36 | NNN |
| P | WHITE + RED PINE | 6 | 3 | 0 | 0 | 3 | 87 | 57267 | 0.3 | 3 | 3 | PPP |
| R | RED MAPLE | 12 | 5 | 3 | 1 | 10 | 291 | 57558 | 1.0 | 5 | 5 | RRRRRRRRR |
| S | SPRUCE | 140 | 63 | 35 | 16 | 76 | 2209 | 59767 | 0.8 | 60 | 63 | SSSSSSS |
| T | POPLAR | 39 | 17 | 29 | 13 | 30 | 872 | 60640 | 2.9 | 10 | 17 | TTTTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 3 | 1 | 0 | 0 | 0 | 0 | 60640 | 0.0 | 0 | 1 | |
| V | OTHER COMMON HARDWOODS | 36 | 16 | 2 | 1 | 0 | 0 | 60640 | 0.0 | 0 | 16 | |
| W | WHITE BIRCH | 29 | 13 | 11 | 5 | 23 | 669 | 61308 | 1.5 | 10 | 13 | WWWWWWWWWWWWW |
| $ | COMBINED SPRUCE-FIR | 156 | 70 | 46 | 21 | 121 | 3517 | 61308 | . | . | 70 | |
| | COMMERCIAL SOFTWOODS | 160 | 71 | 47 | 21 | 127 | 3692 | 61308 | . | . | 71 | |
| | COMMERCIAL HARDWOODS | 116 | 52 | 59 | 26 | 92 | 2674 | 61308 | . | . | 52 | |
| | NON-COMMERCIAL | 224 | 100 | 118 | 53 | 1890 | 54942 | 61308 | . | . | 100 | |
| | ALL SPECIES | 225 | 100 | 224 | 100 | 2109 | 61308 | 61308 | . | . | 100 | |
| | HARDWOOD + NON-COMMERCIAL | 225 | 100 | 177 | 79 | 1982 | 57616 | 61308 | . | . | 100 | |

1988 PRE SPRAY SURVEY

LOWER MIRAMICHI REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 102 # POINTS FOR TREE COUNT = 42

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| @ | STRIPED MAPLE | 6 | 6 | 0 | 0 | 4 | 238 | 238 | 1.1 | 3 | 6 | @@@@@@@@@@ |
| 0 | GRASS OVER 50% | 4 | 4 | 3 | 3 | 0 | 0 | 238 | 0.0 | 0 | 4 | |
| 2 | BRACKEN | 63 | 62 | 7 | 7 | 257 | 15298 | 15536 | 0.7 | 23 | 62 | 2222222 |
| 3 | RASPBERRY | 53 | 52 | 4 | 4 | 407 | 24226 | 39762 | 0.7 | 24 | 52 | 3333333 |
| 4 | ELDERBERRY | 4 | 4 | 0 | 0 | 2 | 119 | 39881 | 0.9 | 2 | 4 | 444444444 |
| 5 | HOBBLEBUSH | 5 | 5 | 0 | 0 | 4 | 238 | 40119 | 1.0 | 3 | 5 | 5555555555 |
| 6 | HAZEL | 5 | 5 | 1 | 1 | 16 | 952 | 41071 | 1.3 | 5 | 5 | 6666666666666 |
| < | FIREWEED | 38 | 37 | 7 | 7 | 225 | 13393 | 54464 | 1.4 | 20 | 37 | <<<<<<<<<<<<<< |
| B | BEECH | 1 | 1 | 0 | 0 | 0 | 0 | 54464 | 0.0 | 0 | 1 | |
| C | PIN CHERRY | 26 | 25 | 9 | 9 | 89 | 5298 | 59762 | 1.1 | 9 | 25 | CCCCCCCCCCC |
| E | CEDAR | 6 | 6 | 0 | 0 | 8 | 476 | 60238 | 0.2 | 3 | 6 | EE |
| F | BALSAM FIR | 41 | 40 | 13 | 13 | 36 | 2143 | 62381 | 1.5 | 17 | 40 | FFFFFFFFFFFFFF |
| G | GREY BIRCH | 2 | 2 | 0 | 0 | 0 | 0 | 62381 | 0.0 | 0 | 2 | |
| J | JACK PINE | 35 | 34 | 3 | 3 | 20 | 1190 | 63571 | 0.6 | 17 | 34 | JJJJJJ |
| K | RED MAPLE SPROUT | 26 | 25 | 11 | 11 | 31 | 1845 | 65417 | 0.9 | 11 | 25 | KKKKKKKKK |
| M | SUGAR MAPLE | 5 | 5 | 0 | 0 | 1 | 60 | 65476 | 0.8 | 1 | 5 | MMMMMMM |
| N | ERICACEOUS SPECIES | 20 | 20 | 2 | 2 | 40 | 2381 | 67857 | 0.5 | 8 | 20 | NNNNN |
| P | WHITE + RED PINE | 9 | 9 | 3 | 3 | 4 | 238 | 68095 | 0.4 | 4 | 9 | PPPP |
| R | RED MAPLE | 11 | 11 | 1 | 1 | 6 | 357 | 68452 | 0.8 | 3 | 11 | RRRRRRRR |
| S | SPRUCE | 38 | 37 | 10 | 10 | 27 | 1607 | 70060 | 0.5 | 12 | 37 | SSSSS |
| T | POPLAR | 11 | 11 | 5 | 5 | 13 | 774 | 70833 | 0.8 | 5 | 11 | TTTTTTTT |
| U | GRASS UNDER 50% | 33 | 32 | 0 | 0 | 0 | 0 | 70833 | 0.0 | 0 | 32 | |
| V | OTHER COMMON HARDWOODS | 1 | 1 | 1 | 1 | 0 | 0 | 70833 | 0.0 | 0 | 1 | |
| W | WHITE BIRCH | 51 | 50 | 17 | 17 | 184 | 10952 | 81786 | 1.1 | 23 | 50 | wwwwwwwwww |
| Y | YELLOW BIRCH | 8 | 8 | 2 | 2 | 11 | 655 | 82440 | 0.8 | 5 | 8 | YYYYYYYY |
| Z | SUGAR MAPLE SPROUT | 2 | 2 | 2 | 2 | 7 | 417 | 82857 | 2.1 | 2 | 2 | zzzzzzzzzzzzzzzzz |
| $ | COMBINED SPRUCE-FIR | 67 | 66 | 23 | 23 | 63 | 3750 | 82857 | . | . | 66 | |
| | COMMERCIAL SOFTWOODS | 84 | 82 | 29 | 29 | 95 | 5655 | 82857 | . | . | 82 | |
| | COMMERCIAL HARDWOODS | 77 | 75 | 39 | 39 | 253 | 15060 | 82857 | . | . | 75 | |
| | NON-COMMERCIAL | 99 | 97 | 33 | 33 | 1044 | 62143 | 82857 | . | . | 97 | |
| | ALL SPECIES | 101 | 99 | 101 | 100 | 1392 | 82857 | 82857 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 99 | 97 | 72 | 71 | 1297 | 77202 | 82857 | . | . | 97 | |

1988 POST SPRAY SURVEY ( no' 'ncluding missed swathes )

LOWER MIRAMICHI REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 102 # POINTS FOR TREE COUNT = 42

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | STRIPED MAPLE | 4 | 4 | 0 | 0 | 3 | 179 | 179 | 0.7 | 2 | 4 | 8888888 |
| 2 | BRACKEN | 32 | 31 | 1 | 1 | 80 | 4762 | 4940 | 0.8 | 13 | 31 | 22222222 |
| 3 | RASPBERRY | 21 | 21 | 0 | 0 | 72 | 4286 | 9226 | 0.5 | 10 | 21 | 33333 |
| 4 | ELDERBERRY | 1 | 1 | 1 | 1 | 0 | 0 | 9226 | 0.0 | 0 | 1 | |
| 5 | HOBBLEBUSH | 1 | 1 | 0 | 0 | 9 | 536 | 9762 | 0.7 | 2 | 1 | 5555555 |
| < | FIREWEED | 32 | 31 | 11 | 11 | 194 | 11548 | 21310 | 1.1 | 17 | 31 | <<<<<<<<<<< |
| C | PIN CHERRY | 8 | 8 | 3 | 3 | 28 | 1667 | 22976 | 1.3 | 4 | 8 | CCCCCCCCCCCC |
| E | CEDAR | 3 | 3 | 0 | 0 | 2 | 119 | 23095 | 0.2 | 2 | 3 | EE |
| F | BALSAM FIR | 45 | 44 | 23 | 23 | 39 | 2321 | 25417 | 2.0 | 17 | 44 | FFFFFFFFFFFFFFFFFF |
| H | HEMLOCK | 2 | 2 | 0 | 0 | 1 | 60 | 25476 | 0.2 | 1 | 2 | HH |
| J | JACK PINE | 42 | 41 | 14 | 14 | 23 | 1369 | 26845 | 1.0 | 21 | 41 | JJJJJJJJJJ |
| K | RED MAPLE SPROUT | 21 | 21 | 16 | 16 | 24 | 1429 | 28274 | 1.0 | 8 | 21 | KKKKKKKKKK |
| M | SUGAR MAPLE | 4 | 4 | 0 | 0 | 3 | 179 | 28452 | 0.4 | 2 | 4 | MMMM |
| N | ERICACEOUS SPECIES | 5 | 5 | 1 | 1 | 7 | 417 | 28869 | 0.3 | 2 | 5 | NNN |
| P | WHITE + RED PINE | 13 | 13 | 4 | 4 | 6 | 357 | 29226 | 0.4 | 6 | 13 | PPPP |
| R | RED MAPLE | 6 | 6 | 1 | 1 | 3 | 179 | 29405 | 0.2 | 2 | 6 | RR |
| S | SPRUCE | 46 | 45 | 21 | 21 | 32 | 1905 | 31310 | 0.6 | 17 | 45 | SSSSSS |
| T | POPLAR | 3 | 3 | 1 | 1 | 2 | 119 | 31429 | 0.1 | 1 | 3 | T |
| W | WHITE BIRCH | 22 | 22 | 4 | 4 | 23 | 1369 | 32798 | 0.6 | 7 | 22 | WWWWWW |
| Y | YELLOW BIRCH | 3 | 3 | 0 | 0 | 2 | 119 | 32917 | 1.4 | 1 | 3 | YYYYYYYYYYYYY |
| $ | COMBINED SPRUCE-FIR | 75 | 74 | 44 | 44 | 71 | 4226 | 32917 | . | . | 74 | |
| | COMMERCIAL SOFTWOODS | 93 | 91 | 62 | 61 | 103 | 6131 | 32917 | . | . | 91 | |
| | COMMERCIAL HARDWOODS | 51 | 50 | 22 | 22 | 57 | 3393 | 32917 | . | . | 50 | |
| | NON-COMMERCIAL | 55 | 54 | 17 | 17 | 393 | 23393 | 32917 | . | . | 54 | |
| | ALL SPECIES | 101 | 99 | 101 | 100 | 553 | 32917 | 32917 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 74 | 73 | 39 | 39 | 450 | 26786 | 32917 | . | . | 73 | |

1988 PRE SPRAY SURVEY

QUEENS-CHARLOTTE REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 779 # POINTS FOR TREE COUNT = 217

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 15 | 2 | 4 | 1 | 10 | 115 | 115 | 2.1 | 4 | 2 | ########## |
| 0 | GRASS OVER 50% | 41 | 5 | 5 | 1 | 1 | 12 | 127 | 0.5 | 1 | 5 | 00000 |
| 2 | BRACKEN | 497 | 64 | 105 | 14 | 2160 | 24885 | 25012 | 0.7 | 131 | 64 | 2222222 |
| 3 | RASPBERRY | 298 | 38 | 15 | 2 | 1726 | 19885 | 44896 | 0.4 | 87 | 38 | 3333 |
| 4 | ELDERBERRY | 27 | 3 | 0 | 0 | 24 | 276 | 45173 | 0.3 | 8 | 3 | 444 |
| 5 | HOBBLEBUSH | 7 | 1 | 0 | 0 | 71 | 818 | 45991 | 0.6 | 3 | 1 | 555555 |
| 6 | HAZEL | 20 | 3 | 2 | 0 | 59 | 680 | 46671 | 0.9 | 8 | 3 | 666666666 |
| 7 | MOUNTAIN MAPLE | 7 | 1 | 1 | 0 | 3 | 35 | 46705 | 1.3 | 2 | 1 | 7777777777777 |
| 8 | WILLOW | 27 | 3 | 4 | 1 | 22 | 253 | 46959 | 1.0 | 7 | 3 | 8888888888 |
| 9 | ALDER | 20 | 3 | 16 | 2 | 23 | 265 | 47224 | 1.5 | 5 | 3 | 999999999999999 |
| < | FIREWEED | 52 | 7 | 1 | 0 | 99 | 1141 | 48364 | 0.7 | 15 | 7 | <<<<<<< |
| A | ASH | 7 | 1 | 2 | 0 | 6 | 69 | 48433 | 1.0 | 2 | 1 | AAAAAAAAAA |
| C | PIN CHERRY | 150 | 19 | 29 | 4 | 147 | 1694 | 50127 | 0.7 | 47 | 19 | CCCCCCC |
| E | CEDAR | 11 | 1 | 0 | 0 | 6 | 69 | 50196 | 0.2 | 2 | 1 | EE |
| F | BALSAM FIR | 228 | 29 | 66 | 9 | 207 | 2385 | 52581 | 1.1 | 63 | 29 | FFFFFFFFFF |
| G | GREY BIRCH | 12 | 2 | 5 | 1 | 16 | 184 | 52765 | 0.8 | 4 | 2 | GGGGGGGG |
| J | JACK PINE | 152 | 20 | 77 | 10 | 46 | 530 | 53295 | 1.4 | 37 | 20 | JJJJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 121 | 16 | 41 | 5 | 153 | 1763 | 55058 | 0.6 | 29 | 16 | KKKKKK |
| L | LARCH | 6 | 1 | 2 | 0 | 1 | 12 | 55069 | 1.0 | 1 | 1 | LLLLLLLLL |
| M | SUGAR MAPLE | 1 | 0 | 1 | 0 | 0 | 0 | 55069 | 0.0 | 0 | 0 | |
| N | ERICACEOUS SPECIES | 369 | 47 | 46 | 6 | 1966 | 22650 | 77719 | 0.6 | 104 | 47 | NNNNNN |
| P | WHITE + RED PINE | 76 | 10 | 27 | 4 | 28 | 323 | 78041 | 1.0 | 19 | 10 | PPPPPPPPPP |
| Q | BEECH STUMP SPROUTS | 1 | 0 | 0 | 0 | 3 | 35 | 78076 | 0.3 | 1 | 0 | QQQ |
| R | RED MAPLE | 307 | 39 | 64 | 8 | 398 | 4585 | 82661 | 1.1 | 85 | 39 | RRRRRRRRRR |
| S | SPRUCE | 327 | 42 | 71 | 9 | 359 | 4136 | 86797 | 1.0 | 99 | 42 | SSSSSSSSS |
| T | POPLAR | 98 | 13 | 64 | 8 | 129 | 1486 | 88283 | 1.7 | 26 | 13 | TTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 123 | 16 | 2 | 0 | 0 | 0 | 88283 | 0.0 | 0 | 16 | |
| V | OTHER COMMON HARDWOODS | 77 | 10 | 0 | 0 | 0 | 0 | 88283 | 0.0 | 0 | 10 | |
| W | WHITE BIRCH | 329 | 42 | 110 | 14 | 529 | 6094 | 94378 | 1.2 | 107 | 42 | WWWWWWWWW |
| Y | YELLOW BIRCH | 38 | 5 | 7 | 1 | 45 | 518 | 94896 | 1.6 | 15 | 5 | YYYYYYYYYYYYYYY |
| Z | SUGAR MAPLE SPROUT | 3 | 0 | 1 | 0 | 1 | 12 | 94908 | 0.7 | 1 | 0 | ZZZZZZZ |
| $ | COMBINED SPRUCE-FIR | 458 | 59 | 137 | 18 | 566 | 6521 | 94908 | . | . | 59 | |
| | COMMERCIAL SOFTWOODS | 571 | 73 | 243 | 32 | 647 | 7454 | 94908 | . | . | 73 | |
| | COMMERCIAL HARDWOODS | 592 | 76 | 290 | 38 | 1264 | 14562 | 94908 | . | . | 76 | |
| | NON-COMMERCIAL | 737 | 95 | 235 | 31 | 6327 | 72892 | 94908 | . | . | 95 | |
| | ALL SPECIES | 768 | 99 | 768 | 100 | 8238 | 94908 | 94908 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 764 | 98 | 525 | 68 | 7591 | 87454 | 94908 | . | . | 98 | |

SURVEY ( not including missed swathes )

QUEENS-CHARLOTTE REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 736 # POINTS FOR TREE COUNT = 225

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| - | missed swath | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| 0 | GRASS OVER 50% | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| 2 | BRACKEN | 340 | 46 | 71 | 10 | 1043 | 11589 | 11589 | 0.8 | 102 | 46 | 22222222 |
| 3 | RASPBERRY | 148 | 20 | 8 | 1 | 338 | 3756 | 15344 | 0.5 | 55 | 20 | 33333 |
| 4 | ELDERBERRY | 5 | 1 | 1 | 0 | 2 | 22 | 15367 | 0.2 | 2 | 1 | 44 |
| 6 | HAZEL | 2 | 0 | 0 | 0 | 0 | 0 | 15367 | 0.0 | 0 | 0 | |
| 7 | MOUNTAIN MAPLE | 3 | 0 | 0 | 0 | 3 | 33 | 15400 | 0.9 | 1 | 0 | 777777777 |
| 8 | WILLOW | 13 | 2 | 0 | 0 | 7 | 78 | 15478 | 0.7 | 5 | 2 | 8888888 |
| 9 | ALDER | 6 | 1 | 3 | 0 | 4 | 44 | 15522 | 2.3 | 3 | 1 | 999999999999999999 |
| < | FIREWEED | 40 | 5 | 4 | 1 | 41 | 456 | 15978 | 0.4 | 15 | 5 | <<<< |
| C | PIN CHERRY | 14 | 2 | 3 | 0 | 8 | 89 | 16067 | 1.7 | 4 | 2 | CCCCCCCCCCCCCCCC |
| E | CEDAR | 8 | 1 | 0 | 0 | 4 | 44 | 16111 | 1.1 | 4 | 1 | EEEEEEEEEEE |
| F | BALSAM FIR | 242 | 33 | 114 | 16 | 299 | 3322 | 19433 | 1.8 | 86 | 33 | FFFFFFFFFFFFFFFFFF |
| J | JACK PINE | 153 | 21 | 113 | 16 | 49 | 544 | 19978 | 1.5 | 46 | 21 | JJJJJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 106 | 14 | 52 | 7 | 197 | 2189 | 22167 | 2.4 | 44 | 14 | KKKKKKKKKKKKKKKKK |
| L | LARCH | 3 | 0 | 3 | 0 | 1 | 11 | 22178 | 2.7 | 1 | 0 | LLLLLLLLLLLLLLLLL |
| N | ERICACEOUS SPECIES | 384 | 52 | 33 | 5 | 1187 | 13189 | 35367 | 0.4 | 125 | 52 | NNNN |
| P | WHITE + RED PINE | 89 | 12 | 31 | 4 | 39 | 433 | 35800 | 1.6 | 27 | 12 | PPPPPPPPPPPPPPPP |
| R | RED MAPLE | 167 | 23 | 46 | 6 | 132 | 1467 | 37267 | 1.2 | 47 | 23 | RRRRRRRRRRR |
| S | SPRUCE | 347 | 47 | 168 | 24 | 217 | 2411 | 39678 | 1.4 | 116 | 47 | SSSSSSSSSSSSS |
| T | POPLAR | 13 | 2 | 10 | 1 | 6 | 67 | 39744 | 2.0 | 4 | 2 | TTTTTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 7 | 1 | 2 | 0 | 0 | 0 | 39744 | 0.0 | 0 | 1 | |
| V | OTHER COMMON HARDWOODS | 106 | 14 | 7 | 1 | 0 | 0 | 39744 | 0.0 | 0 | 1 | |
| W | WHITE BIRCH | 107 | 15 | 37 | 5 | 122 | 1356 | 41100 | 1.3 | 50 | 14 | |
| Y | YELLOW BIRCH | 2 | 0 | 1 | 0 | 0 | 0 | 41100 | 0.0 | 0 | 15 | WWWWWWWWWWW |
| $ | COMBINED SPRUCE-FIR | 480 | 65 | 282 | 40 | 516 | 5733 | 41100 | . | . | 0 | |
| | COMMERCIAL SOFTWOODS | 590 | 80 | 429 | 60 | 609 | 6767 | 41100 | . | . | 65 | |
| | COMMERCIAL HARDWOODS | 380 | 52 | 153 | 22 | 457 | 5078 | 41100 | . | . | 80 | |
| | NON-COMMERCIAL | 593 | 81 | 129 | 18 | 2633 | 29256 | 41100 | . | . | 52 | |
| | ALL SPECIES | 721 | 98 | 711 | 100 | 3699 | 41100 | 41100 | . | . | 81 | |
| | HARDWOOD + NON-COMMERCIAL | 667 | 91 | 282 | 40 | 3090 | 34333 | 41100 | . | . | 98 | |
| | | | | | | | | | | | 91 | |

1988 PRE SPRAY SURVEY

FUNDY REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 151 # POINTS FOR TREE COUNT = 35

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | GRASS OVER 50% | 17 | 11 | 6 | 4 | 0 | 0 | 0 | 0.0 | 0 | 11 | |
| 2 | BRACKEN | 54 | 36 | 4 | 3 | 144 | 10286 | 10286 | 0.6 | 15 | 36 | 222222 |
| 3 | RASPBERRY | 114 | 75 | 43 | 29 | 526 | 37571 | 47857 | 0.7 | 27 | 75 | 3333333 |
| 4 | ELDERBERRY | 6 | 4 | 2 | 1 | 0 | 0 | 47857 | 0.0 | 0 | 4 | |
| 6 | HAZEL | 11 | 7 | 3 | 2 | 17 | 1214 | 49071 | 0.9 | 2 | 7 | 666666666 |
| 7 | MOUNTAIN MAPLE | 4 | 3 | 1 | 1 | 2 | 143 | 49214 | 2.3 | 2 | 3 | 777777777777777777 |
| 8 | WILLOW | 1 | 1 | 0 | 0 | 0 | 0 | 49214 | 0.0 | 0 | 1 | |
| 9 | ALDER | 9 | 6 | 8 | 5 | 27 | 1929 | 51143 | 1.2 | 3 | 6 | 999999999999 |
| < | FIREWEED | 8 | 5 | 0 | 0 | 6 | 429 | 51571 | 0.9 | 1 | 5 | <<<<<<<<< |
| A | ASH | 2 | 1 | 0 | 0 | 0 | 0 | 51571 | 0.0 | 0 | 1 | |
| C | PIN CHERRY | 7 | 5 | 3 | 2 | 3 | 214 | 51786 | 0.8 | 3 | 5 | CCCCCCCC |
| E | CEDAR | 2 | 1 | 0 | 0 | 1 | 71 | 51857 | 0.4 | 1 | 1 | EEEE |
| F | BALSAM FIR | 52 | 34 | 25 | 17 | 45 | 3214 | 55071 | 1.0 | 10 | 34 | FFFFFFFFF |
| G | GREY BIRCH | 15 | 10 | 4 | 3 | 11 | 786 | 55857 | 0.5 | 4 | 10 | GGGGG |
| J | JACK PINE | 16 | 11 | 9 | 6 | 1 | 71 | 55929 | 1.2 | 1 | 11 | JJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 18 | 12 | 7 | 5 | 0 | 0 | 55929 | 0.0 | 0 | 12 | |
| L | LARCH | 8 | 5 | 4 | 3 | 11 | 786 | 56714 | 3.4 | 3 | 5 | LLLLLLLLLLLLLLLLL |
| M | SUGAR MAPLE | 3 | 2 | 1 | 1 | 4 | 286 | 57000 | 1.0 | 2 | 2 | MMMMMMMMM |
| N | ERICACEOUS SPECIES | 28 | 19 | 8 | 5 | 301 | 21500 | 78500 | 0.5 | 7 | 19 | NNNNN |
| R | RED MAPLE | 17 | 11 | 6 | 4 | 13 | 929 | 79429 | 1.4 | 2 | 11 | RRRRRRRRRRRRR |
| S | SPRUCE | 52 | 34 | 2 | 1 | 15 | 1071 | 80500 | 0.4 | 14 | 34 | SSSS |
| T | POPLAR | 6 | 4 | 2 | 1 | 7 | 500 | 81000 | 0.5 | 3 | 4 | TTTTT |
| U | GRASS UNDER 50% | 26 | 17 | 0 | 0 | 0 | 0 | 81000 | 0.0 | 0 | 17 | |
| V | OTHER COMMON HARDWOODS | 24 | 16 | 2 | 1 | 20 | 1429 | 82429 | 1.1 | 1 | 16 | VVVVVVVVVVV |
| W | WHITE BIRCH | 20 | 13 | 8 | 5 | 22 | 1571 | 84000 | 0.8 | 7 | 13 | WWWWWWW |
| Y | YELLOW BIRCH | 1 | 1 | 0 | 0 | 1 | 71 | 84071 | 0.3 | 1 | 1 | YYY |
| Z | SUGAR MAPLE SPROUT | 2 | 1 | 1 | 1 | 0 | 0 | 84071 | 0.0 | 0 | 1 | |
| $ | COMBINED SPRUCE-FIR | 91 | 60 | 27 | 18 | 60 | 4286 | 84071 | . | . | 60 | |
| | COMMERCIAL SOFTWOODS | 100 | 66 | 40 | 27 | 73 | 5214 | 84071 | . | . | 66 | |
| | COMMERCIAL HARDWOODS | 70 | 46 | 27 | 18 | 67 | 4786 | 84071 | . | . | 46 | |
| | NON-COMMERCIAL | 145 | 96 | 82 | 55 | 1037 | 74071 | 84071 | . | . | 96 | |
| | ALL SPECIES | 149 | 99 | 149 | 100 | 1177 | 84071 | 84071 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 146 | 97 | 109 | 73 | 1104 | 78857 | 84071 | . | . | 97 | |

1988 POST SPRAY SURVEY ( not including missed swathes )

FUNDY REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 151 # POINTS FOR TREE COUNT = 35

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | GRASS OVER 50% | 6 | 4 | 3 | 2 | 0 | 0 | 0 | 0.0 | 0 | 4 | |
| 2 | BRACKEN | 8 | 5 | 0 | 0 | 15 | 1071 | 1071 | 1.9 | 2 | 5 | 222222222222222222 |
| 3 | RASPBERRY | 91 | 60 | 33 | 22 | 274 | 19571 | 20643 | 0.6 | 23 | 60 | 333333 |
| 4 | ELDERBERRY | 8 | 5 | 0 | 0 | 4 | 286 | 20929 | 0.4 | 1 | 5 | 4444 |
| 8 | WILLOW | 2 | 1 | 0 | 0 | 11 | 786 | 21714 | 1.2 | 2 | 1 | 888888888888 |
| 9 | ALDER | 1 | 1 | 1 | 1 | 0 | 0 | 21714 | 0.0 | 0 | 1 | |
| < | FIREWEED | 24 | 16 | 4 | 3 | 16 | 1143 | 22857 | 0.8 | 4 | 16 | <<<<<<<< |
| C | PIN CHERRY | 3 | 2 | 1 | 1 | 0 | 0 | 22857 | 0.0 | 0 | 2 | |
| F | BALSAM FIR | 53 | 35 | 37 | 25 | 42 | 3000 | 25857 | 2.0 | 11 | 35 | FFFFFFFFFFFFFFFFFF |
| G | GREY BIRCH | 7 | 5 | 1 | 1 | 1 | 71 | 25929 | 0.3 | 1 | 5 | GGG |
| J | JACK PINE | 22 | 15 | 15 | 10 | 3 | 214 | 26143 | 1.9 | 3 | 15 | JJJJJJJJJJJJJJJJJ |
| K | RED MAPLE SPROUT | 5 | 3 | 3 | 2 | 0 | 0 | 26143 | 0.0 | 0 | 3 | |
| L | LARCH | 7 | 5 | 4 | 3 | 4 | 286 | 26429 | 2.4 | 3 | 5 | LLLLLLLLLLLLLLLLL |
| M | SUGAR MAPLE | 1 | 1 | 0 | 0 | 1 | 71 | 26500 | 0.5 | 1 | 1 | MMMMM |
| N | ERICACEOUS SPECIES | 47 | 31 | 5 | 3 | 85 | 6071 | 32571 | 0.3 | 10 | 31 | NNN |
| R | RED MAPLE | 21 | 14 | 5 | 3 | 22 | 1571 | 34143 | 1.3 | 6 | 14 | RRRRRRRRRRRR |
| S | SPRUCE | 61 | 40 | 22 | 15 | 15 | 1071 | 35214 | 0.6 | 15 | 40 | SSSSSS |
| T | POPLAR | 3 | 2 | 0 | 0 | 5 | 357 | 35571 | 0.8 | 3 | 2 | TTTTTTTT |
| U | GRASS UNDER 50% | 26 | 17 | 7 | 5 | 0 | 0 | 35571 | 0.0 | 0 | 17 | |
| V | OTHER COMMON HARDWOODS | 40 | 26 | 2 | 1 | 0 | 0 | 35571 | 0.0 | 0 | 26 | |
| W | WHITE BIRCH | 8 | 5 | 5 | 3 | 1 | 71 | 35643 | 0.5 | 1 | 5 | WWWWW |
| Y | YELLOW BIRCH | 1 | 1 | 0 | 0 | 0 | 0 | 35643 | 0.0 | 0 | 1 | |
| $ | COMBINED SPRUCE-FIR | 92 | 61 | 59 | 40 | 57 | 4071 | 35643 | . | . | 61 | |
| | COMMERCIAL SOFTWOODS | 106 | 70 | 78 | 53 | 64 | 4571 | 35643 | . | . | 70 | |
| | COMMERCIAL HARDWOODS | 66 | 44 | 15 | 10 | 29 | 2071 | 35643 | . | . | 44 | |
| | NON-COMMERCIAL | 128 | 85 | 55 | 37 | 406 | 29000 | 35643 | . | . | 85 | |
| | ALL SPECIES | 148 | 98 | 148 | 100 | 499 | 35643 | 35643 | . | . | 98 | |
| | HARDWOOD + NON-COMMERCIAL | 137 | 91 | 70 | 47 | 435 | 31071 | 35643 | . | . | 91 | |

1988 PRE SPRAY SURVEY

YORK REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 51 # POINTS FOR TREE COUNT = 14

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STED PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 6 | |
| 0 | GRASS OVER 50% | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 2 | |
| 2 | BRACKEN | 33 | 65 | 1 | 2 | 63 | 11250 | 11250 | 0.6 | 9 | 65 | 222222 |
| 3 | RASPBERRY | 44 | 86 | 4 | 8 | 144 | 25714 | 36964 | 0.7 | 11 | 86 | 3333333 |
| 4 | ELDERBERRY | 15 | 29 | 0 | 0 | 43 | 7679 | 44643 | 0.6 | 5 | 29 | 444444 |
| 6 | HAZEL | 3 | 6 | 0 | 0 | 0 | 0 | 44643 | 0.0 | 0 | 6 | |
| 7 | MOUNTAIN MAPLE | 2 | 4 | 0 | 0 | 2 | 357 | 45000 | 0.8 | 1 | 4 | 77777777 |
| 8 | WILLOW | 2 | 4 | 0 | 0 | 0 | 0 | 45000 | 0.0 | 0 | 4 | |
| < | FIREWEED | 8 | 16 | 0 | 0 | 13 | 2321 | 47321 | 0.5 | 3 | 16 | <<<<< |
| A | ASH | 1 | 2 | 0 | 0 | 0 | 0 | 47321 | 0.0 | 0 | 2 | |
| B | BEECH | 10 | 20 | 2 | 4 | 5 | 893 | 48214 | 2.3 | 3 | 20 | BBBBBBBBBBBBBBBBBB |
| C | PIN CHERRY | 22 | 43 | 2 | 4 | 15 | 2679 | 50893 | 2.6 | 4 | 43 | ccccccccccccccccc |
| F | BALSAM FIR | 8 | 16 | 1 | 2 | 15 | 2679 | 53571 | 0.9 | 2 | 16 | FFFFFFFFF |
| I | IRONWOOD | 1 | 2 | 0 | 0 | 0 | 0 | 53571 | 0.0 | 0 | 2 | |
| K | RED MAPLE SPROUT | 3 | 6 | 2 | 4 | 0 | 0 | 53571 | 0.0 | 0 | 6 | |
| N | ERICACEOUS SPECIES | 1 | 2 | 1 | 2 | 14 | 2500 | 56071 | 0.6 | 1 | 2 | NNNNNN |
| R | RED MAPLE | 17 | 33 | 2 | 4 | 31 | 5536 | 61607 | 1.0 | 9 | 33 | RRRRRRRRRR |
| S | SPRUCE | 32 | 63 | 1 | 2 | 13 | 2321 | 63929 | 1.2 | 7 | 63 | SSSSSSSSSSS |
| T | POPLAR | 20 | 39 | 14 | 27 | 35 | 6250 | 70179 | 1.5 | 6 | 39 | TTTTTTTTTTTTTT |
| U | GRASS UNDER 50% | 3 | 6 | 0 | 0 | 0 | 0 | 70179 | 0.0 | 0 | 6 | |
| W | WHITE BIRCH | 30 | 59 | 21 | 41 | 39 | 6964 | 77143 | 2.8 | 7 | 59 | WWWWWWWWWWWWWWWW |
| Y | YELLOW BIRCH | 1 | 2 | 0 | 0 | 1 | 179 | 77321 | 0.3 | 1 | 2 | YYY |
| $ | COMBINED SPRUCE-FIR | 36 | 71 | 2 | 4 | 28 | 5000 | 77321 | . | . | 71 | |
| | COMMERCIAL SOFTWOODS | 36 | 71 | 2 | 4 | 28 | 5000 | 77321 | . | . | 71 | |
| | COMMERCIAL HARDWOODS | 48 | 94 | 41 | 80 | 111 | 19821 | 77321 | . | . | 94 | |
| | NON-COMMERCIAL | 51 | 100 | 8 | 16 | 294 | 52500 | 77321 | . | . | 100 | |
| | ALL SPECIES | 51 | 100 | 51 | 100 | 433 | 77321 | 77321 | . | . | 100 | |
| | HARDWOOD + NON-COMMERCIAL | 51 | 100 | 49 | 96 | 405 | 72321 | 77321 | . | . | 100 | |

1988 POST SPRAY SURVEY ( not including missed swathes )

YORK REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 51 # POINTS FOR TREE COUNT = 14

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0.0 | 0 | 2 | |
| 2 | BRACKEN | 10 | 20 | 1 | 2 | 12 | 2143 | 2143 | 0.6 | 4 | 20 | 222222 |
| 3 | RASPBERRY | 11 | 22 | 1 | 2 | 0 | 0 | 2143 | 0.0 | 0 | 22 | |
| 7 | MOUNTAIN MAPLE | 1 | 2 | 1 | 2 | 0 | 0 | 2143 | 0.0 | 0 | 2 | |
| B | BEECH | 3 | 6 | 2 | 4 | 4 | 714 | 2857 | 2.1 | 2 | 6 | BBBBBBBBBBBBBBBBB |
| C | PIN CHERRY | 5 | 10 | 1 | 2 | 1 | 179 | 3036 | 0.7 | 1 | 10 | CCCCCCC |
| F | BALSAM FIR | 12 | 24 | 7 | 14 | 14 | 2500 | 5536 | 1.2 | 3 | 24 | FFFFFFFFFFFF |
| K | RED MAPLE SPROUT | 1 | 2 | 1 | 2 | 0 | 0 | 5536 | 0.0 | 0 | 2 | |
| R | RED MAPLE | 7 | 14 | 2 | 4 | 11 | 1964 | 7500 | 0.8 | 5 | 14 | RRRRRRRR |
| S | SPRUCE | 39 | 76 | 24 | 49 | 11 | 1964 | 9464 | 1.4 | 8 | 76 | SSSSSSSSSSSSS |
| T | POPLAR | 2 | 4 | 0 | 0 | 2 | 357 | 9821 | 0.9 | 1 | 4 | TTTTTTTTT |
| U | GRASS UNDER 50% | 4 | 8 | 0 | 0 | 0 | 0 | 9821 | 0.0 | 0 | 8 | |
| W | WHITE BIRCH | 10 | 20 | 8 | 16 | 7 | 1250 | 11071 | 1.6 | 4 | 20 | WWWWWWWWWWWWWW |
| $ | COMBINED SPRUCE-FIR | 42 | 82 | 31 | 63 | 25 | 4464 | 11071 | . | . | 82 | |
| | COMMERCIAL SOFTWOODS | 42 | 82 | 31 | 63 | 25 | 4464 | 11071 | . | . | 82 | |
| | COMMERCIAL HARDWOODS | 21 | 41 | 13 | 27 | 24 | 4286 | 11071 | . | . | 41 | |
| | NON-COMMERCIAL | 27 | 53 | 5 | 10 | 13 | 2321 | 11071 | . | . | 53 | |
| | ALL SPECIES | 49 | 96 | 49 | 100 | 62 | 11071 | 11071 | . | . | 96 | |
| | HARDWOOD + NON-COMMERCIAL | 36 | 71 | 18 | 37 | 37 | 6607 | 11071 | . | . | 71 | |

1988 PRE SPRAY SURVEY

CARLETON REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 198 # POINTS FOR TREE COUNT = 63

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 16 | 8 | 3 | 2 | 10 | 397 | 397 | 0.7 | 6 | 8 | ######## |
| 0 | GRASS OVER 50% | 13 | 7 | 8 | 4 | 0 | 0 | 397 | 0.0 | 0 | 7 | |
| 2 | BRACKEN | 23 | 12 | 6 | 3 | 194 | 7698 | 8095 | 0.6 | 7 | 12 | 222222 |
| 3 | RASPBERRY | 169 | 85 | 55 | 28 | 3509 | 139246 | 147341 | 0.7 | 55 | 85 | 3333333 |
| 4 | ELDERBERRY | 28 | 14 | 12 | 6 | 23 | 913 | 148254 | 0.9 | 6 | 14 | 444444444 |
| 5 | HOBBLEBUSH | 10 | 5 | 0 | 0 | 11 | 437 | 148690 | 0.2 | 6 | 5 | 55 |
| 6 | HAZEL | 10 | 5 | 0 | 0 | 48 | 1905 | 150595 | 0.7 | 4 | 5 | 6666666 |
| 7 | MOUNTAIN MAPLE | 4 | 2 | 0 | 0 | 21 | 833 | 151429 | 0.6 | 2 | 2 | 777777 |
| 8 | WILLOW | 4 | 2 | 2 | 1 | 2 | 79 | 151508 | 0.8 | 1 | 2 | 88888888 |
| 9 | ALDER | 1 | 1 | 0 | 0 | 0 | 0 | 151508 | 0.0 | 0 | 1 | |
| < | FIREWEED | 22 | 11 | 6 | 3 | 132 | 5238 | 156746 | 0.9 | 10 | 11 | <<<<<<<<<< |
| B | BEECH | 18 | 9 | 1 | 1 | 29 | 1151 | 157897 | 0.5 | 7 | 9 | BBBBB |
| C | PIN CHERRY | 74 | 37 | 47 | 24 | 170 | 6746 | 164643 | 1.0 | 26 | 37 | CCCCCCCCCC |
| F | BALSAM FIR | 53 | 27 | 3 | 2 | 32 | 1270 | 165913 | 0.3 | 17 | 27 | FFF |
| J | JACK PINE | 58 | 29 | 7 | 4 | 23 | 913 | 166825 | 0.4 | 21 | 29 | JJJJ |
| K | RED MAPLE SPROUT | 9 | 5 | 7 | 4 | 32 | 1270 | 168095 | 0.9 | 3 | 5 | KKKKKKKKK |
| M | SUGAR MAPLE | 21 | 11 | 6 | 3 | 38 | 1508 | 169603 | 0.7 | 7 | 11 | MMMMMMM |
| N | ERICACEOUS SPECIES | 15 | 8 | 0 | 0 | 98 | 3889 | 173492 | 0.4 | 5 | 8 | NNNN |
| R | RED MAPLE | 74 | 37 | 8 | 4 | 109 | 4325 | 177817 | 0.4 | 31 | 37 | RRRR |
| S | SPRUCE | 83 | 42 | 3 | 2 | 40 | 1587 | 179405 | 0.3 | 30 | 42 | SSS |
| T | POPLAR | 8 | 4 | 3 | 2 | 3 | 119 | 179524 | 0.4 | 2 | 4 | TTTT |
| U | GRASS UNDER 50% | 26 | 13 | 3 | 2 | 0 | 0 | 179524 | 0.0 | 0 | 13 | |
| V | OTHER COMMON HARDWOODS | 10 | 5 | 0 | 0 | 0 | 0 | 179524 | 0.0 | 0 | 5 | |
| W | WHITE BIRCH | 52 | 26 | 13 | 7 | 69 | 2738 | 182262 | 0.6 | 20 | 26 | WWWWWW |
| Y | YELLOW BIRCH | 32 | 16 | 1 | 1 | 35 | 1389 | 183651 | 0.2 | 14 | 16 | YY |
| Z | SUGAR MAPLE SPROUT | 4 | 2 | 2 | 1 | 0 | 0 | 183651 | 0.0 | 0 | 2 | |
| $ | COMBINED SPRUCE-FIR | 102 | 52 | 6 | 3 | 72 | 2857 | 183651 | . | . | 52 | |
| | COMMERCIAL SOFTWOODS | 142 | 72 | 13 | 7 | 95 | 3770 | 183651 | . | . | 72 | |
| | COMMERCIAL HARDWOODS | 139 | 70 | 41 | 21 | 315 | 12500 | 183651 | . | . | 70 | |
| | NON-COMMERCIAL | 194 | 98 | 142 | 72 | 4218 | 167381 | 183651 | . | . | 98 | |
| | ALL SPECIES | 196 | 99 | 196 | 100 | 4628 | 183651 | 183651 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 196 | 99 | 183 | 93 | 4533 | 179881 | 183651 | . | . | 99 | |

1988 POST SPRAY SURVEY ( nc ncluding missed swathes )

CARLETON REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 198 # POINTS FOR TREE COUNT = 63

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | STRIPED MAPLE | 7 | 4 | 5 | 3 | 1 | 40 | 40 | 0.2 | 1 | 4 | 00 |
| 2 | BRACKEN | 16 | 8 | 5 | 3 | 20 | 794 | 833 | 0.6 | 5 | 8 | 222222 |
| 3 | RASPBERRY | 43 | 22 | 16 | 9 | 62 | 2460 | 3294 | 0.6 | 15 | 22 | 333333 |
| 4 | ELDERBERRY | 3 | 2 | 2 | 1 | 0 | 0 | 3294 | 0.0 | 0 | 2 | |
| < | FIREWEED | 7 | 4 | 5 | 3 | 0 | 0 | 3294 | 0.0 | 0 | 4 | |
| B | BEECH | 2 | 1 | 0 | 0 | 0 | 0 | 3294 | 0.0 | 0 | 1 | |
| C | PIN CHERRY | 2 | 1 | 2 | 1 | 4 | 159 | 3452 | 1.0 | 1 | 1 | CCCCCCCCCC |
| F | BALSAM FIR | 62 | 31 | 26 | 14 | 38 | 1508 | 4960 | 0.4 | 22 | 31 | FFFF |
| J | JACK PINE | 63 | 32 | 52 | 29 | 26 | 1032 | 5992 | 0.7 | 23 | 32 | JJJJJJJ |
| K | RED MAPLE SPROUT | 7 | 4 | 5 | 3 | 8 | 317 | 6310 | 0.8 | 2 | 4 | KKKKKKKK |
| M | SUGAR MAPLE | 10 | 5 | 3 | 2 | 7 | 278 | 6587 | 0.5 | 3 | 5 | MMMMM |
| R | RED MAPLE | 29 | 15 | 11 | 6 | 26 | 1032 | 7619 | 0.3 | 14 | 15 | RRR |
| S | SPRUCE | 101 | 51 | 44 | 24 | 49 | 1944 | 9563 | 0.5 | 38 | 51 | SSSSS |
| T | POPLAR | 1 | 1 | 1 | 1 | 0 | 0 | 9563 | 0.0 | 0 | 1 | |
| W | WHITE BIRCH | 6 | 3 | 2 | 1 | 9 | 357 | 9921 | 0.5 | 5 | 3 | WWWWW |
| Z | SUGAR MAPLE SPROUT | 2 | 1 | 1 | 1 | 0 | 0 | 9921 | 0.0 | 0 | 1 | |
| $ | COMBINED SPRUCE-FIR | 124 | 63 | 70 | 39 | 87 | 3452 | 9921 | . | . | 63 | |
| | COMMERCIAL SOFTWOODS | 162 | 82 | 122 | 68 | 113 | 4484 | 9921 | . | . | 82 | |
| | COMMERCIAL HARDWOODS | 52 | 26 | 23 | 13 | 50 | 1984 | 9921 | . | . | 26 | |
| | NON-COMMERCIAL | 65 | 33 | 35 | 19 | 87 | 3452 | 9921 | . | . | 33 | |
| | ALL SPECIES | 180 | 91 | 180 | 100 | 250 | 9921 | 9921 | . | . | 91 | |
| | HARDWOOD + NON-COMMERCIAL | 106 | 54 | 58 | 32 | 137 | 5437 | 9921 | . | . | 54 | |

1988 PRE SPRAY SURVEY

RESTIGOUCHE-TOBIQUE REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 462 # POINTS FOR TREE COUNT = 126

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | STRIPED MAPLE | 3 | 1 | 0 | 0 | 1 | 20 | 20 | 0.5 | 1 | 1 | ##### |
| 0 | GRASS OVER 50% | 5 | 1 | 1 | 0 | 0 | 0 | 20 | 0.0 | 0 | 1 | |
| 2 | BRACKEN | 169 | 37 | 5 | 1 | 422 | 8373 | 8393 | 0.6 | 46 | 37 | 222222 |
| 3 | RASPBERRY | 447 | 97 | 108 | 24 | 5425 | 107639 | 116032 | 0.9 | 117 | 97 | 333333333 |
| 4 | ELDERBERRY | 67 | 15 | 10 | 2 | 58 | 1151 | 117183 | 0.8 | 19 | 15 | 44444444 |
| 5 | HOBBLEBUSH | 6 | 1 | 0 | 0 | 14 | 278 | 117460 | 0.5 | 3 | 1 | 55555 |
| 6 | HAZEL | 17 | 4 | 4 | 1 | 45 | 893 | 118353 | 1.1 | 5 | 4 | 66666666666 |
| 7 | MOUNTAIN MAPLE | 84 | 18 | 20 | 4 | 173 | 3433 | 121786 | 1.0 | 25 | 18 | 7777777777 |
| 8 | WILLOW | 6 | 1 | 3 | 1 | 11 | 218 | 122004 | 1.5 | 4 | 1 | 888888888888888 |
| 9 | ALDER | 2 | 0 | 1 | 0 | 16 | 317 | 122321 | 1.2 | 2 | 0 | 999999999999 |
| < | FIREWEED | 216 | 47 | 55 | 12 | 589 | 11687 | 134008 | 1.1 | 56 | 47 | <<<<<<<<<<< |
| A | ASH | 12 | 3 | 2 | 0 | 9 | 179 | 134187 | 0.9 | 4 | 3 | AAAAAAAAA |
| B | BEECH | 1 | 0 | 0 | 0 | 0 | 0 | 134187 | 0.0 | 0 | 0 | |
| C | PIN CHERRY | 204 | 44 | 148 | 32 | 311 | 6171 | 140357 | 1.5 | 59 | 44 | CCCCCCCCCCCCCCC |
| F | BALSAM FIR | 95 | 21 | 27 | 6 | 115 | 2282 | 142639 | 0.7 | 22 | 21 | FFFFFFF |
| K | RED MAPLE SPROUT | 6 | 1 | 2 | 0 | 13 | 258 | 142897 | 1.1 | 1 | 1 | KKKKKKKKKK |
| M | SUGAR MAPLE | 2 | 0 | 0 | 0 | 2 | 40 | 142937 | 0.9 | 1 | 0 | MMMMMMMM |
| N | ERICACEOUS SPECIES | 46 | 10 | 5 | 1 | 373 | 7401 | 150337 | 0.8 | 16 | 10 | NNNNNNNN |
| R | RED MAPLE | 40 | 9 | 9 | 2 | 42 | 833 | 151171 | 1.5 | 10 | 9 | RRRRRRRRRRRRRR |
| S | SPRUCE | 292 | 63 | 11 | 2 | 98 | 1944 | 153115 | 0.5 | 85 | 63 | SSSSS |
| T | POPLAR | 19 | 4 | 4 | 1 | 7 | 139 | 153254 | 1.0 | 5 | 4 | TTTTTTTTT |
| U | GRASS UNDER 50% | 130 | 28 | 6 | 1 | 0 | 0 | 153254 | 0.0 | 0 | 28 | |
| W | WHITE BIRCH | 122 | 26 | 33 | 7 | 107 | 2123 | 155377 | 1.1 | 28 | 26 | WWWWWWWWW |
| Y | YELLOW BIRCH | 25 | 5 | 1 | 0 | 6 | 119 | 155496 | 0.4 | 5 | 5 | YYYY |
| Z | SUGAR MAPLE SPROUT | 4 | 1 | 2 | 0 | 0 | 0 | 155496 | 0.0 | 0 | 1 | |
| $ | COMBINED SPRUCE-FIR | 320 | 69 | 38 | 8 | 213 | 4226 | 155496 | . | . | 69 | |
| | COMMERCIAL SOFTWOODS | 320 | 69 | 38 | 8 | 213 | 4226 | 155496 | . | . | 69 | |
| | COMMERCIAL HARDWOODS | 186 | 40 | 53 | 12 | 186 | 3690 | 155496 | . | . | 40 | |
| | NON-COMMERCIAL | 458 | 99 | 366 | 80 | 7438 | 147579 | 155496 | . | . | 99 | |
| | ALL SPECIES | 458 | 99 | 457 | 100 | 7837 | 155496 | 155496 | . | . | 99 | |
| | HARDWOOD + NON-COMMERCIAL | 458 | 99 | 419 | 92 | 7624 | 151270 | 155496 | . | . | 99 | |

1988 POST SPRAY SURVEY ( not including missed swathes )

RESTIGOUCHE-TOBIQUE REGION = ALL REGIONS BLOCK = ALL BLOCKS

PLOTS (4 M2) EXAMINED = 485 # POINTS FOR TREE COUNT = 140

| SYMBOL | SPECIES NAME | PLOTS STOCKED TO SPEC | % | PLOTS WITH SPECIES DOMINANT | % ALL STKD PLOTS WITH SPEC DOM | TREE COUNT | DENSITY TREES PER HA | CUM. DENSITY | AVE HT DOM SP | NUMBER TREE HTS MEASURED | % | EACH SYMBOL= 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| @ | STRIPED MAPLE | 1 | 0 | 1 | 0 | 2 | 36 | 36 | 1.6 | 1 | 0 | @@@@@@@@@@@@@@@ |
| 0 | GRASS OVER 50% | 1 | 0 | 0 | 0 | 0 | 0 | 36 | 0.0 | 0 | 0 | |
| 2 | BRACKEN | 17 | 4 | 0 | 0 | 49 | 875 | 911 | 0.4 | 8 | 4 | 2222 |
| 3 | RASPBERRY | 378 | 78 | 139 | 29 | 1273 | 22732 | 23643 | 0.7 | 110 | 78 | 3333333 |
| 4 | ELDERBERRY | 30 | 6 | 7 | 1 | 15 | 268 | 23911 | 0.5 | 9 | 6 | 44444 |
| 5 | HOBBLEBUSH | 1 | 0 | 0 | 0 | 1 | 18 | 23929 | 0.2 | 1 | 0 | 55 |
| 6 | HAZEL | 2 | 0 | 0 | 0 | 1 | 18 | 23946 | 0.4 | 1 | 0 | 6666 |
| 7 | MOUNTAIN MAPLE | 18 | 4 | 9 | 2 | 17 | 304 | 24250 | 1.4 | 8 | 4 | 77777777777777 |
| 8 | WILLOW | 8 | 2 | 6 | 1 | 4 | 71 | 24321 | 1.0 | 3 | 2 | 8888888888 |
| < | FIREWEED | 175 | 36 | 77 | 16 | 336 | 6000 | 30321 | 0.6 | 55 | 36 | <<<<<< |
| C | PIN CHERRY | 27 | 6 | 8 | 2 | 16 | 286 | 30607 | 0.7 | 9 | 6 | CCCCCCC |
| E | CEDAR | 1 | 0 | 0 | 0 | 0 | 0 | 30607 | 0.0 | 0 | 0 | |
| F | BALSAM FIR | 103 | 21 | 64 | 13 | 86 | 1536 | 32143 | 0.7 | 28 | 21 | FFFFFFF |
| K | RED MAPLE SPROUT | 15 | 3 | 5 | 1 | 10 | 179 | 32321 | 0.8 | 4 | 3 | KKKKKKK |
| M | SUGAR MAPLE | 2 | 0 | 1 | 0 | 1 | 18 | 32339 | 1.3 | 1 | 0 | MMMMMMMMMMMM |
| N | ERICACEOUS SPECIES | 279 | 58 | 10 | 2 | 692 | 12357 | 44696 | 0.2 | 71 | 58 | NN |
| R | RED MAPLE | 21 | 4 | 8 | 2 | 16 | 286 | 44982 | 1.0 | 10 | 4 | RRRRRRRRR |
| S | SPRUCE | 323 | 67 | 114 | 23 | 110 | 1964 | 46946 | 0.6 | 95 | 67 | SSSSSS |
| T | POPLAR | 9 | 2 | 0 | 0 | 2 | 36 | 46982 | 0.3 | 2 | 2 | TTT |
| U | GRASS UNDER 50% | 42 | 9 | 1 | 0 | 0 | 0 | 46982 | 0.0 | 0 | 9 | |
| V | OTHER COMMON HARDWOODS | 123 | 25 | 26 | 5 | 0 | 0 | 46982 | 0.0 | 0 | 25 | |
| W | WHITE BIRCH | 32 | 7 | 7 | 1 | 15 | 268 | 47250 | 0.5 | 8 | 7 | WWWWW |
| Y | YELLOW BIRCH | 4 | 1 | 2 | 0 | 2 | 36 | 47286 | 0.3 | 1 | 1 | YYY |
| Z | SUGAR MAPLE SPROUT | 3 | 1 | 2 | 0 | 4 | 71 | 47357 | 1.1 | 1 | 1 | ZZZZZZZZZZ |
| $ | COMBINED SPRUCE-FIR | 363 | 75 | 178 | 37 | 196 | 3500 | 47357 | . | . | 75 | |
| | COMMERCIAL SOFTWOODS | 363 | 75 | 178 | 37 | 196 | 3500 | ./357 | . | . | 75 | |
| | COMMERCIAL HARDWOODS | 185 | 38 | 51 | 10 | 50 | 893 | 47357 | . | . | 38 | |
| | NON-COMMERCIAL | 463 | 95 | 258 | 53 | 2406 | 42964 | 47357 | . | . | 95 | |
| | ALL SPECIES | 488 | 101 | 487 | 100 | 2652 | 47357 | 47357 | . | . | 101 | |
| | HARDWOOD + NON-COMMERCIAL | 465 | 96 | 309 | 63 | 2456 | 43857 | 47357 | . | . | 96 | |

Document de travail interne

No. 90-02

# PROGRAMME DE PULVÉRISATION D'HERBICIDE DE 1988 ANTÉRIEURE ET POSTÉRIEURE AU RAPPORT SUR LES RÉSULTATS DES ÉTUDES

Natural Resources and Energy / Ressources naturelles et Énergie

Direction de la gestion des matières ligneuses

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# INTRODUCTION

En 1988, le ministère des Ressources naturelles et de l'£nergie a procédé à l'épandage aérien d'herbicide Vision sur 19 870 ha de terres de la Couronne comprenant des plantations et des déboisés, ou coupes à blanc, à regénération naturelle.

Ce traitement est censé créer un environnement "à croissance libre non concurrentielle" favorisant les essences résineuses les plus recherchées au cours des premiers stades de leur croissance. Selon le Manuel d'exploitation forestière, on considère que les plantations de résineux se trouvent dans un environnement "à croissance libre non concurrentielle" lorsque la hauteur (ou dominance) de 75 % ou plus des arbres plantés et de la regénération naturelle acceptable est supérieure à celle de la végétation concurrente cinq ans après la plantation ou la coupe. Un environnement "à croissance libre non concurrentielle" est nécessaire pour éviter que les espèces concurrentes fassent mourir les essences plantées ou en retardent la croissance, ce qui entraînerait, en fin de compte, une réduction inacceptable du volume du peuplement prévu lors de de la récolte.

Deux études distinctes ont été entreprises en 1989 pour évaluer les résultats du programme d'arrosage de 1988 - études exhaustives au sol et aérienne. L'étude terrestre a observé la même méthode que par le passé, c'est-à-dire comme les études antérieure (juin et juillet 1988) et postérieure (juin et juillet 1989) à l'arrosage, qui touchaient 25 % des secteurs traités, soit les déboisés à regénération naturelle ainsi que les plantations. L'étude aérienne a été effectuée du 12 au 14 juin 1989 et visait à évaluer l'efficacité des opérations d'arrosage (superficie).

## MÉTHODES

### ÉTUDE AÉRIENNE

La Direction de la gestion des matières ligneuses a utilisé un petit aéronef à voilure fixe (Cessna 172) pour photographier chaque bloc traité en 1988. Les photographies ont été examinées de façon à déterminer le taux de réussite de l'arrosage pour ce qui est de la superficie. Les taux de réussite calculés pour chaque bloc ont été classés comme suit :

1) Réussite - 90 p. 100 ou plus de la superficie portant les restes d'espèces concurrentes mortes.
2) Acceptable - entre 10 et 20 p. 100 de la superficie portant des bandes de végétation concurrentes (vertes).
3) Inacceptable - plus de 20 p. 100 de la superficie portant des bandes de végétation concurrentes (vertes).
4) Douteux - secteurs portant des indications de répartition inégale (habituellement à cause de pluie tombée dans les six heures suivant l'arrosage ou à cause de concentration insuffisante de l'herbicide Vision).

Les blocs inacceptables ont automatiquement été ajoutés aux secteurs prévus dans le programme d'arrosage de 1989. Les blocs acceptables ont également été compris dans le programme, mais ne seraient pas traité à moins qu'ils soient adjacents aux blocs à traiter en 1989. Les blocs aux résultats douteux ont fait l'objet d'une étude au sol avant qu'on ne décide de ceux qui devraient être retraités.

### ÉTUDE TERRESTRE

Pour l'étude terrestre, on a utilisé les mêmes méthodes que celles énoncées dans le document "Technique n° 89-02 - Rapport sur les résultats des études antérieure et postérieure au programme de pulvérisation d'herbicide de 1987", sauf pour sept parcelles qui ont servi de points de comptage dans les études antérieure et postérieure à l'arrosage.

Le pourcentage des proportions de surface occupée, la dominance et la densité de chaque essence ainsi que des principaux groupes d'essences de chaque région visée par un permis sont présentés dans les tableaux 1, 2 et 3, respectivement, et les résultats sur la dominance et la densité sont illustrés dans les figures 1 et 2.

L'annexe I énumère les essences comprises dans les deux groupes d'espèces concurrentes. L'annexe II résume, pour l'ensemble des régions visées par des permis, l'analyse des données des études antérieure et postérieure à l'arrosage. Les

annexes III résument les données tirées des études antérieure et postérieure à l'arrosage et concernant chaque région visée par un permis. Les analyses des données sur chaque bloc, tirées des études antérieure et postérieure, sont classées à la Direction de la gestion des matières ligneuses.

Moyennes des proportions de surface occupée des principaux groupes d'essences de chaque région visée par un permis, avant et après le traitement à l'herbicide.

**RÉGION VISÉE PAR UN PERMIS**

| Essence | Upsalquitch | | Nepisiguit | | Lower Miramichi | | Carleton | | Queens-Charlotte | | Fundy | | York | | Restigouche-Tobique | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après |
| Frêne | 2 | 1 | 1 | | | | | | 1 | | 1 | | 2 | | 3 | |
| Hêtre | | | | | 1 | | 9 | 1 | | | | | 20 | 6 | | |
| Charme de Caroline (Bois de fer) | | | | | | | | | | | | | 2 | | | |
| Érable rouge | 13 | 7 | 15 | 5 | 11 | 6 | 37 | 15 | 39 | 23 | 11 | 14 | 33 | 14 | 9 | 4 |
| Érable à sucre | 6 | 4 | 2 | 1 | 5 | 4 | 11 | 5 | | | 2 | 1 | | | | |
| Bouleau blanc | 34 | 13 | 31 | 13 | 50 | 22 | 26 | 3 | 42 | 15 | 13 | 5 | 59 | 20 | 26 | 7 |
| Peuplier | 27 | 16 | 15 | 17 | 11 | 3 | 4 | 1 | 13 | 2 | 4 | 2 | 39 | 4 | 4 | 2 |
| Bouleau jaune | 1 | 1 | | | 8 | 3 | 16 | | 5 | | 1 | 1 | 2 | | 5 | 1 |
| Pousses d'érable rouge | 3 | 8 | 5 | 12 | 25 | 21 | 5 | 4 | 16 | 14 | 12 | 3 | 6 | 2 | 1 | 3 |
| Pousses d'érable à sucre | 1 | 2 | 1 | | 2 | | 2 | 1 | | | 1 | | | | 1 | 1 |
| Rejets de souche de hêtre | | | | | | | | | | | | | | | | |
| Autres feuillus (bois dur) ordinaires | | | | 16 | 1 | | 5 | | 10 | 14 | 16 | 26 | | | | 25 |
| **TOTAL-FEUILLUS COMMERCIAUX** | **62** | **49** | **51** | **52** | **75** | **50** | **70** | **26** | **76** | **52** | **46** | **44** | **94** | **41** | **53** | **38** |
| Cerisier de Pennsyl. | 29 | 6 | 25 | 10 | 25 | 8 | 37 | 1 | 19 | 2 | 5 | 2 | 43 | 10 | 44 | 6 |
| Framboisier | 94 | 89 | 86 | 62 | 52 | 21 | 85 | 22 | 38 | 20 | 75 | 60 | 86 | 22 | 97 | 78 |
| Fougère aigle | 21 | 8 | 32 | 21 | 62 | 31 | 12 | 8 | 64 | 46 | 36 | 5 | 65 | 20 | 37 | 4 |
| Vergerette du Canada | 78 | 63 | 87 | 75 | 37 | 31 | 11 | 4 | 7 | 5 | 5 | 16 | 16 | | 47 | 36 |
| Essences éricacées | 13 | 42 | 18 | 36 | 20 | 5 | 8 | | 47 | 52 | 19 | 31 | 2 | | 10 | 58 |
| Saule | 5 | 1 | 4 | 5 | | | 2 | | 3 | 2 | 1 | 1 | 4 | | 1 | 2 |
| Viorne à feuilles d'aulne | | | | | 5 | 1 | 5 | | 1 | | | | | | 1 | |
| Sureau | 18 | 6 | 18 | 7 | 4 | 1 | 14 | 2 | 3 | 1 | 4 | 5 | 29 | | 15 | 6 |
| Coudrier d'Amérique (noisettier) | 19 | 5 | 27 | 9 | 5 | | 5 | | 3 | | 7 | | 6 | | 4 | |
| Bouleau gris | | | | | 2 | | | | 2 | | 10 | 5 | | | | |
| Aulne | 1 | | 2 | 1 | | | 1 | | 3 | 1 | 6 | 1 | | | | |
| Érable de Pennsyl. | 9 | 1 | 2 | 2 | 6 | 4 | 8 | 4 | 2 | 1 | | | | 2 | 1 | |
| Érable à épis | 9 | 6 | 7 | 2 | | | 2 | | 1 | | 3 | | 4 | 2 | 18 | 4 |
| Herbe - plus de 50 % | 4 | | 4 | | 4 | | 7 | | 5 | 1 | 11 | 4 | 2 | | 1 | |
| Herbe - moins de 50 % | 22 | 10 | 25 | 1 | 32 | | 13 | | 16 | 1 | 17 | 17 | 6 | 8 | 28 | 9 |
| TOTAL - ESSENCES NON COMMERCIALES | 97 | 95 | 99 | 100 | 97 | 54 | 98 | 33 | 95 | 81 | 96 | 85 | 100 | 53 | 99 | 95 |
| TOTAL - RESINEUX COMMERCIAUX | 60 | 74 | 63 | 71 | 82 | 91 | 72 | 82 | 73 | 80 | 66 | 70 | 71 | 82 | 69 | 75 |

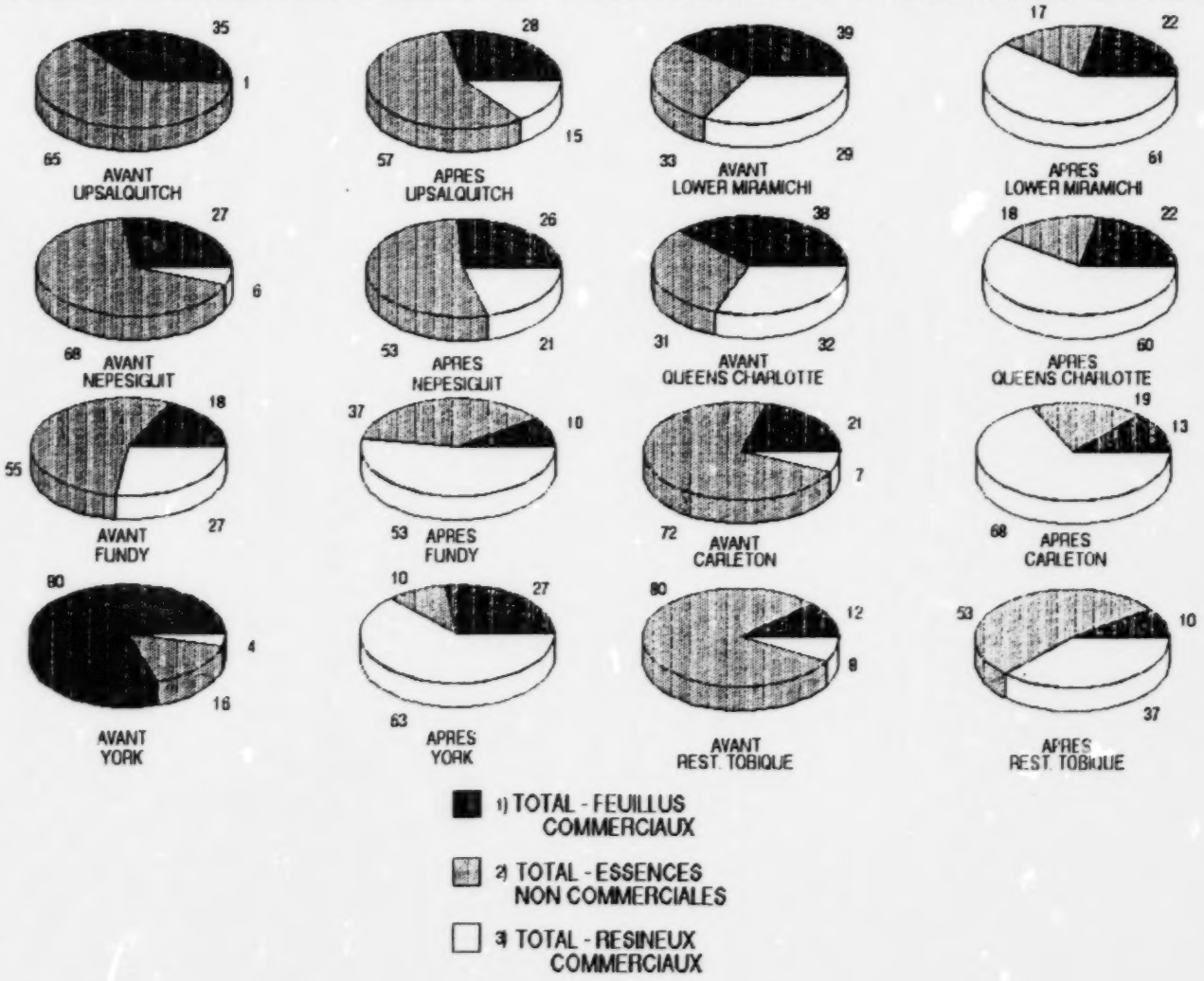
traitement à l'herbicide.

**RÉGION VISÉE PAR UN PERMIS**

| Essence | Upsalquitch | | Nepisiguit | | Lower Miramichi | | Carleton | | Queens-Charlotte | | Fundy | | York | | Restigouche-Tobique | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après |
| Frêne | 1 | 1 | | | | | 1 | 3 | | | | | 4 | 4 | | |
| Hêtre | | | | | | | | | | | | | | | | |
| Charme de Caroline (Bois de fer) | | | | | | | | | | | | | | | | |
| Érable rouge | 2 | 1 | | 1 | 1 | 6 | 4 | 6 | 8 | 6 | 4 | 3 | 4 | 4 | 2 | 2 |
| Érable à sucre | | 1 | | | | | 3 | 2 | | | 1 | | | | | |
| Bouleau blanc | 10 | 6 | 10 | 5 | 17 | 4 | 7 | 1 | 14 | 5 | 5 | 3 | 41 | 16 | 7 | 1 |
| Peuplier | 19 | 15 | 12 | 13 | 5 | 1 | 2 | 1 | 8 | 1 | 1 | | 27 | | 1 | |
| Bouleau jaune | 1 | | | | 2 | | 1 | | 1 | | | | | | | |
| Pousses d'érable rouge | 1 | 6 | 3 | 6 | 11 | 16 | 4 | | 5 | 7 | 5 | 2 | 4 | 2 | | 1 |
| Pousses d'érable à sucre | 1 | | 1 | | | | 1 | 1 | | | 1 | | | | | |
| Rejets de souche de hêtre | | | | | | | | | | 1 | 1 | 1 | | | | 5 |
| Autres feuillus (bois dur) ordinaires | | | | 1 | 1 | | | | | | | | | | | |
| **TOTAL-FEUILLUS COMMERCIAUX** | **35** | **28** | **27** | **26** | **39** | **22** | **21** | **13** | **38** | **22** | **18** | **10** | **80** | **27** | **12** | **10** |
| Cerisier de Pennsyl. | 13 | 1 | 11 | 2 | 9 | 3 | 24 | 1 | 4 | | 2 | 1 | 4 | 2 | 32 | 2 |
| Framboisier | 12 | 30 | 7 | 6 | 4 | | 28 | 9 | 2 | 1 | 29 | 22 | 8 | 2 | 24 | 29 |
| Vergerette du Canada | | | 2 | 1 | 7 | 1 | 3 | 3 | 14 | 10 | 3 | | 2 | 2 | 1 | |
| Essences éricacées | 19 | 14 | 32 | 37 | 7 | 11 | 3 | 3 | | 1 | | 3 | | | 12 | 16 |
| Saule | 2 | 3 | 2 | 2 | 2 | 1 | | | 6 | 5 | 5 | 3 | 2 | | 1 | 2 |
| Viorne à feuilles d'aulne | 2 | 1 | 2 | 3 | | | 1 | | 1 | | | | | | 1 | 1 |
| Sureau | 6 | 1 | 5 | | | 1 | 6 | 1 | | | 1 | | | | 2 | 1 |
| Coudrier d'Amérique (noisettier) | 7 | 3 | 4 | | 1 | | | | | | 2 | | | | 1 | |
| Bouleau gris | | | | | | | | | 1 | | 3 | 1 | | | | |
| Aulne | | | 1 | 1 | | | | | 2 | | 5 | 1 | | | | |
| Érable de Pennsyl. | 3 | 1 | | | | | 2 | 3 | 1 | | | | | 2 | | |
| Érable à épis | 2 | 4 | | | | | | | | | 1 | | | 2 | 4 | 2 |
| Herbe - plus de 50 % | | | 1 | | 3 | | 4 | | 1 | | 4 | 2 | | | | |
| Herbe - moins de 50 % | | | | | | | 2 | | | | | 5 | | | 1 | |
| TOTAL - ESSENCES NON COMMERCIALES | 65 | 57 | 68 | 53 | 33 | 17 | 72 | 19 | 31 | 18 | 55 | 37 | 16 | 10 | 80 | 53 |
| TOTAL - RESINEUX COMMERCIAUX | 1 | 15 | 6 | 21 | 29 | 61 | 7 | 68 | 32 | 60 | 27 | 53 | 4 | 63 | 8 | 37 |

# FIGURE 1

## POURCENTAGES MOYENS DE DOMINANCE
## EVALUATIONS ANTERIEUR ET POSTERIEURE A L'ARROSAGE DE 1988



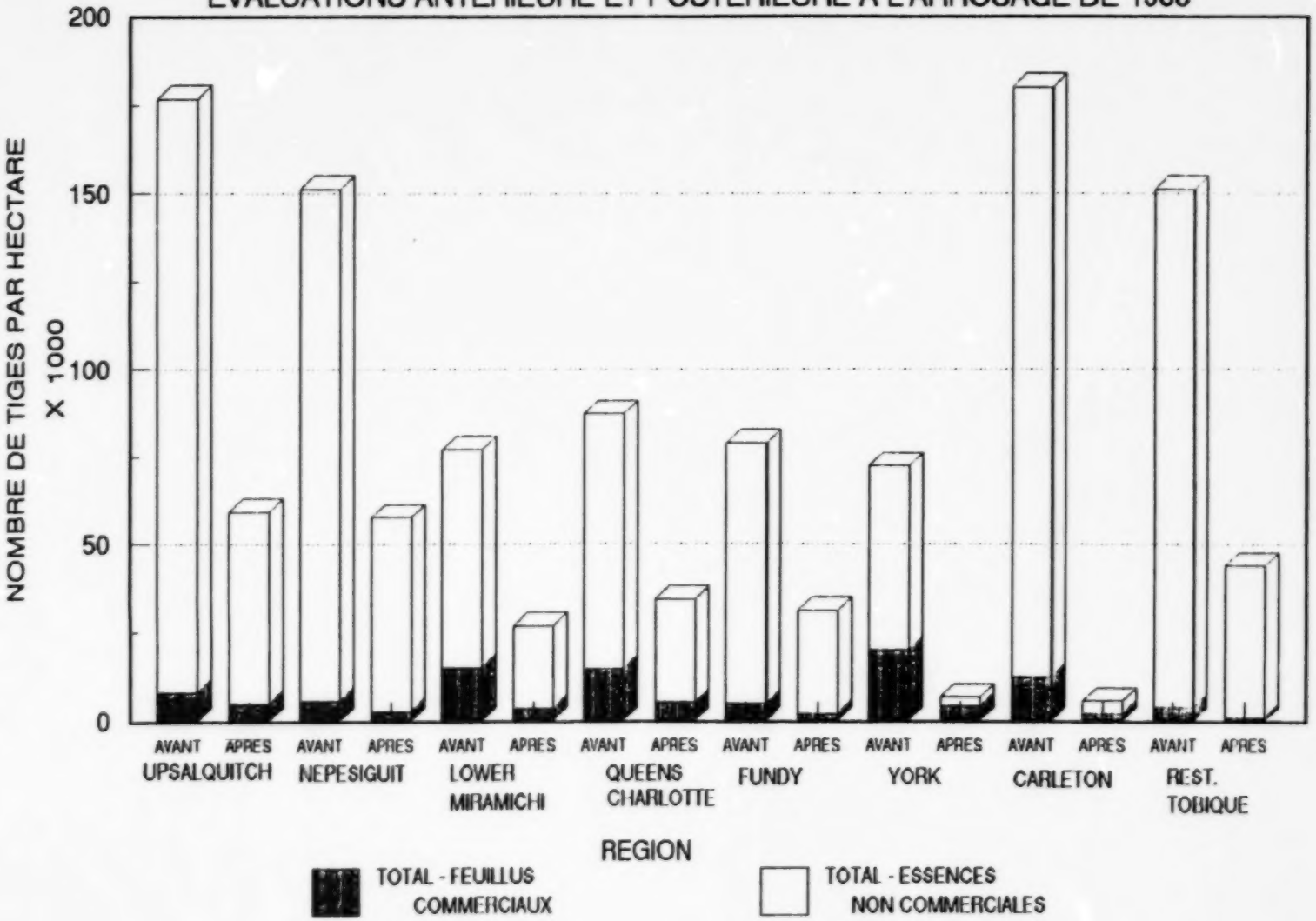
TABEAU 3. Densité (tiges/ha) des principaux groupes d'essences de chaque région visée par un permis, avant et après le traitement à l'herbicide.

| Essence | RÉGION VISÉE PAR UN PERMIS | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Upsalquitch | | Nepisiguit | | Lower Miramichi | | Carleton | | Queens-Charlotte | | Fundy | | York | | Restigouche-Tobique | |
| | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après | Avant | Après |
| Frêne | 94 | 63 | 137 | | | | | | 69 | | | | | | 179 | |
| Hêtre | | | | | | | 1 151 | | | | | | 893 | 714 | | |
| Charme de Caroline (Bois de fer) | | | | | | | | | | | | | | | | |
| Érable rouge | 531 | 313 | 907 | 291 | 357 | 179 | 4 325 | 1 032 | 4 585 | 1 467 | 929 | 1 571 | 5 536 | 1 964 | 833 | 286 |
| Érable à sucre | 188 | 94 | 82 | 58 | 60 | 179 | 1 508 | 278 | | | 286 | 71 | | | 40 | 18 |
| Bouleau blanc | 3 313 | 1 281 | 2 170 | 669 | 10 952 | 1 369 | 2 738 | 357 | 6 094 | 1 356 | 1 571 | 71 | 6 964 | 1 250 | 2 123 | 268 |
| Peuplier | 3 469 | 2 125 | 1 676 | 872 | 774 | 119 | 119 | | 1 486 | 67 | 500 | 357 | 6 250 | 357 | 139 | 36 |
| Bouleau jaune | | 31 | | | 655 | 119 | 1 389 | | 518 | | 71 | | 179 | | 119 | 36 |
| Pousses d'érable rouge | 156 | 969 | 604 | 785 | 1 845 | 1 429 | 1 270 | 317 | 1 763 | 2 189 | | | | | 259 | 179 |
| Pousses d'érable à sucre | 406 | | | | 417 | | | | 12 | | | | 71 | | | |
| Rejets de souche de hêtre | | | | | | | | | 35 | | | | | | | |
| Autres feuillus (bois dur) ordinaires | | | | | | | | | | | 1 429 | | | | | |
| **TOTAL-FEUILLUS COMMERCIAUX** | 8 145 | 4 875 | 5 577 | 2 674 | 15 060 | 3 393 | 12 500 | 1 984 | 14 562 | 5 078 | 4 786 | 2 071 | 19 821 | 4 286 | 3 690 | 893 |
| Cerisier de Pennsylvanie | 2 125 | 125 | 1 978 | 291 | 5 298 | 1 667 | 6 746 | 159 | 1 694 | 456 | 214 | | 2 679 | 179 | 6 171 | 286 |
| Framboisier | 87 250 | 26 094 | 79 258 | 21 424 | 24 226 | 4 286 | 139 246 | 2 460 | 19 885 | 3 756 | 37 571 | 19 571 | 25 714 | | 107 639 | 22 732 |
| Fougère aigle | 4 344 | 1 031 | 9 148 | 3 401 | 15 298 | 4 762 | 7 698 | 794 | 24 885 | 11 589 | 10 286 | 1 071 | 11 250 | 2 143 | 8 373 | 875 |
| Vergerette du Canada | 58 000 | 19 313 | 43 214 | 18 169 | 13 393 | 11 548 | 5 238 | | 1 141 | 456 | 429 | 1 143 | 2 321 | | 11 687 | 6 000 |
| Essences éricacées | 10 219 | 6 156 | 4 038 | 8 517 | 2 381 | 417 | 3 889 | | 22 650 | 13 189 | 21 500 | 6 071 | 2 500 | | 7 401 | 12 357 |
| Saule | 375 | | 494 | | | | 79 | | 253 | 78 | | 786 | | | 218 | 71 |
| Viorne à feuilles d'aulne | | | | | 238 | 536 | 437 | | 818 | | | | | | 278 | 18 |
| Sureau | 1 063 | 281 | 1 374 | 727 | 119 | | 913 | | 276 | 22 | | 286 | 7 679 | | 1 151 | 268 |
| Coudrier d'Amérique (noisettier) | 4 313 | 1 031 | 215 | 1 308 | 952 | | 1 905 | | 680 | | 1 214 | | | | 893 | 18 |
| Bouleau gris | | | | | | | | | 184 | | 785 | 71 | | | | |
| Aulne | 188 | | | | | | | | 265 | 44 | 1 929 | | | | 317 | |
| Érable de Pennsylvanie | 344 | | 27 | 291 | 238 | 179 | 397 | 40 | 115 | | | | | | 20 | 36 |
| Érable à épis | 344 | 281 | 467 | 494 | | | 833 | | 35 | 33 | 143 | | 357 | | 3 433 | 304 |
| Herbe - plus de 50 % | | | | | | | | | | | | | | | | |
| Herbe - moins de 50 % | | | | | | | | | | | | | | | | |
| TOTAL - ESSENCES NON COMMERCIALES | 168 563 | 54 313 | 145 632 | 54 942 | 62 143 | 23 393 | 167 381 | 3 452 | 72 892 | 29 256 | 74 071 | 29 000 | 52 500 | 2 321 | 147 579 | 42 964 |
| TOTAL - RESINEUX COMMERCIAUX | 2 375 | 3 063 | 3 214 | 3 692 | 5 655 | 6 131 | 3 770 | 4 484 | 7 454 | 6 767 | 5 214 | 4 571 | 5 000 | 4 464 | 4 226 | 3 500 |

**FIGURE 2**

DENSITE MOYENNE

EVALUATIONS ANTERIEURE ET POSTERIEURE A L'ARROSAGE DE 1988



## RÉSULTATS ET OBSERVATIONS

### ÉTUDE AÉRIENNE

La photo-interprétation a révélé qu'un peu plus de 80 p. 100 des blocs ont été traités avec succès. Les résultats obtenus pour huit pour cent des blocs ont été jugés inacceptables. Dans ce dernier cas, de larges bandes non traitées semblent être très fréquentes dans les déboisés à regénération naturelle aux limites mal définies et sans réseau routier à l'intérieur du secteur déboisé, les repères de délimitation et les routes facilitant la navigation aérienne. Les zones non traitées de 18 des 22 blocs de cette catégorie ont été arrosées de nouveau en 1989.

Les résultats de six pour cent des blocs ont été jugés douteux. L'analyse des données de l'étude au sol a révélé que 10 des 25 blocs de ce groupe devaient être traités de nouveau et, par conséquent, l'ont été en 1989.

Les six pour cent qui restent ont été classés dans la catégorie "Acceptable" et aucun bloc de ce groupe n'a été retraité en 1989.

### ÉTUDE TERRESTRE

#### Surface occupée

Les proportions de surface occupée par les feuillus et les essences non commerciales (Tableau 1) ont diminué dans chaque région visée par un permis, sauf dans la région de Nepisiguit où l'on a enregistré une augmentation d'environ deux pour cent pour les deux types d'essences. Les diminutions de la surface occupée dans les autres régions varient de 4 p. 100 dans la région de Fundy à 65 p. 100 dans la région de Carleton, soit une diminution globale de 27 p. 100. Quant aux essences non commerciales, la diminution de la surface occupée varie de 2 p. 100, dans la région d'Upsalquitch, à 66 p. 100, dans la région de Carleton, ce qui représente une diminution globale de 17 pour cent.

La légère augmentation de la proportion de surface occupée par les essences dures dans la région de Nepisiquit et la légère diminution de cette proportion dans la région de Fundy ont principalement été causées par la repousse d'érables rouges (Nepisiquit) et l'efficacité moindre de l'herbicide contre ces rejets (Fundy). Parmi les autres feuillus difficiles à combattre, citons le tremble dans la région de Nepisiquit et les pousses d'érable rouge dans la région de Lower Miramichi. D'autres feuillus, n'ayant pas été identifiés individuellement dans l'étude, ont connu une certaine croissance dans les secteurs traités des régions de Nepisiquit, de Charlotte-Queens, de Fundy et de Restigouche-Tobique, ce qui a entraîné une augmentation des peuplements de feuillus dans l'étude postérieure à l'arrosage.

La surface occupée par les essences éricacées a considérablement augmentée, après l'épandage d'herbicide, dans cinq des huit régions visées par des permis. L'efficacité de l'herbicide contre les framboisiers et la vergerette du Canada a été moindre dans le nord de la Province (Upsalquitch, Nepisiquit et Restigouche-Tobique).

Dominance

La dominance constitue un indicateur-clé de l'efficacité du traitement à l'herbicide. Comme nous l'avons mentionné dans l'introduction, le Manuel d'exploitation forestière définit une bonne plantation comme ayant une dominance d'au moins 75 % des résineux (non dominés par les autres essences) après cinq ans.

Dans toutes les régions visées par des permis, on a relevé, après traitement à l'herbicide, des augmentations de la dominance des résineux variant de 89 à 1400 p. 100 (tableau 2, figure 1). Les augmentations les plus faibles ont encore été enregistrées dans le nord de la province, où la diminution des essences dures et non commerciales été la moindre. La dominance de la vergerette du Canada a également augmenté dans le nord.

Dans les cinq régions visées par des permis des deux tiers du sud de la province, au moins 50 % des essences résineuses sont dominantes, et dans quatre d'entre elles, la dominance dépasse les 60 %. L'augmentatation de la dominance des résineux a principalement été causée par la réduction des essences non commerciales, plutôt que du feuillu.

Densité

La diminution de la densité des feuillus a varié de 40 à 78 p. 100, ce qui correspond à une moyenne de 66 p. 100. La diminution de la densité des essences non commerciales a été un peu supérieure, soit de 61 à 98 p. 100, pour une moyenne de 70 p. 100 (tableau 3, figure 2).

La densité des pousses d'érable rouge a augmenté dans les régions d'Upsalquitch, de Nepisiquit et de Charlotte-Queens. Quant à tous les autres feuillus, à l'exception de l'érable à sucre et de l'érable rouge dans les régions de Lower Miramichi et de Fundy, la densité a diminué en regard des chiffres recueillis avant l'arrosage.

La densité des essences éricacées a augmenté dans les régions de Nepisiquit et de Restigouche-Tobique. On a également relevé, dans la région de Nepisiquit, une légère augmentation de la densité du saule, du noisettier et de l'érable de Pennsylvanie, et, dans la région de Fundy, une faible hausse de la densité du saule et du sureau.

Comparativement aux résultats qu'a donné le programme d'arrosage de 1987, la pulvérisation d'herbicide a été, en 1988, beaucoup plus efficace. Toutefois, lors de l'étude de 1987, des plantations d'à peine deux ou trois ans ont fait l'objet de l'échantillonnage, alors que des plantations et des déboisés à regénération naturelle plus vieilles ont été visées par l'étude de 1988. Les essences concurrentes sont plus développées dans les secteurs moins récents. Par exemple, les peuplements de feuillus étaient deux fois plus importants dans la région d'Upsalquitch avant l'arrosage de 1988 qu'ils ne l'étaient avant l'épandage effectué en 1987. Cela s'applique également aux deux autres régions du nord visées par des permis, soit Nepisiquit et Restigouche-Tobique.

Les densités ont diminué dans les mêmes proportions pour les deux années. En 1987, la diminution de la densité des essences dures a été de 60 p. 100, comparativement à 66 p. 100 en 1988.

## ANNEXE I

## Liste des différentes essences feuillues et non commerciales

| FEUILLUS COMMERCIAUX | CODE | ESSENCES NON COMMERCIALES | CODE |
|---|---|---|---|
| FRENE | A | CERISIER DE PENNSYLVANIE | C |
| HETRE | B | ESSENCES ÉRICACÉES | N |
| BOIS DE FER | I | AULNE | 9 |
| POUSSES D'ÉRABLE ROUGE | K | SAULE | 8 |
| ÉRABLE A SUCRE | M | ÉRABLE A ÉPIS | 7 |
| REJETS DE SOUCHE DE HETRE | Q | NOISETTIER | 6 |
| ÉRABLE ROUGE | R | VIORNE A FEUILLES D'AULNE | 5 |
| TREMBLE | T | SUREAU | 4 |
| REJET DE RACINE DE HETRE | V | FRAMBOISIER | 3 |
| BOULEAU BLANC | W | FOUGERE AIGLE | 2 |
| BOULEAU JAUNE | Y | ÉRABLE DE PENNSYLVANIE | # |
| POUSSES D'ÉRABLE A SUCRE | Z | VERGERETTE DU CANADA | < |
| | | HERBE - 50 % | O |
| | | HERBE - 50 % | U |

## ANNEXE II

### Résumé des études antérieure et postérieure à l'arrosage - Toutes les régions visées par des permis

REGION = TOUTES LES RÉGIONS  BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 2171

POINTS DE CONTROLE SERVANT AU COMTE DES ARBES = 668

| SYMBOLE | NOM DE L ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D ARBRES | DENSITE ARBRES PAR HA | DENSITE CUM. | DOM.MOY EN HAUTEUR | NOMBRE D ARBRES MESURES EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A ÉRABLE DE PENNSYLVANIE | 65 | 3 | 12 | 1 | 37 | 138 | 138 | 1.1 | 21 | 3 | 1111111111 |
| 0 | HERBE - PLUS DE 50 % | 99 | 5 | 26 | 1 | 1 | 4 | 142 | 0.5 | 1 | 5 | 00000 |
| 2 | FOUGORE AIGLE | 957 | 44 | 132 | 6 | 3712 | 13892 | 14034 | 0.7 | 273 | 44 | 2222222 |
| 3 | FRAMBOISIER | 1507 | 69 | 267 | 12 | 17E3 | 65172 | 79207 | 0.8 | 485 | 69 | 33333333 |
| 4 | SUREAU | 224 | 10 | 47 | 2 | 234 | 876 | 80082 | 0.8 | 72 | 10 | 44444444 |
| 5 | VIORNE A FEUILLES D'AULNE | 28 | 1 | 0 | 0 | 100 | 374 | 80457 | 0.6 | 15 | 1 | 555555 |
| 6 | NOISETTIER | 168 | 8 | 32 | 1 | 538 | 2013 | 82470 | 1.0 | 72 | 8 | 6666666666 |
| 7 | ÉRABLE A ÉPIS | 135 | 6 | 25 | 1 | 229 | 857 | 83327 | 1.0 | 44 | 6 | 7777777777 |
| 8 | SAULE | 59 | 3 | 17 | 1 | 52 | 195 | 83522 | 1.2 | 21 | 3 | 888888888888 |
| 9 | AULNE | 38 | 2 | 27 | 1 | 72 | 269 | 83791 | 1.3 | 11 | 2 | 9999999999999 |
| < | VERGERETTE DU CANADA | 701 | 32 | 182 | 8 | 4493 | 16815 | 100606 | 1.0 | 249 | 32 | <<<<<<<<<<< |
| A | FRENE | 29 | 1 | 6 | 0 | 23 | 86 | 100692 | 1.1 | 10 | 1 | AAAAAAAAAAA |
| B | HETRE | 30 | 1 | 3 | 0 | 34 | 127 | 100820 | 0.8 | 10 | 1 | BBBBBBBB |
| C | CERISIER DE PENNSYLVANIE | 597 | 27 | 288 | 13 | 875 | 3275 | 104094 | 1.2 | 196 | 27 | CCCCCCCCCCCC |
| E | CEDRE | 23 | 1 | 0 | 0 | 19 | 71 | 104165 | 0.2 | 9 | 1 | EE |
| F | SAPIN BAUMIER | 546 | 25 | 139 | 6 | 510 | 1909 | 106074 | 0.9 | 153 | 25 | FFFFFFFFF |
| G | BOULEAU GRIS | 29 | 1 | 9 | 0 | 27 | 101 | 106175 | 0.7 | 8 | 1 | GGGGGGG |
| I | BOIS DE FER | 1 | 0 | 0 | 0 | 0 | 0 | 106175 | 0.0 | 0 | 0 | |
| J | PIN GRIS | 270 | 12 | 96 | 4 | 96 | 359 | 106534 | 0.9 | 81 | 12 | JJJJJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 201 | 9 | 78 | 4 | 256 | 958 | 107493 | 0.8 | 49 | 9 | KKKKKKKK |
| L | MÉLEZE | 14 | 1 | 6 | 0 | 12 | 45 | 107537 | 3.2 | 4 | 1 | LLLLLLLLLLLLLLLLLLL |
| M | ÉERABLE A SUCRE | 48 | 2 | 8 | 0 | 54 | 202 | 107740 | 0.7 | 15 | 2 | MMMMMM |
| N | ESSENCES ÉRICACÉES | 547 | 25 | 70 | 3 | 3266 | 12223 | 119963 | 0.6 | 167 | 25 | NNNNNN |
| P | PINS BLANC ET ROUGE | 89 | 4 | 30 | 1 | 33 | 124 | 120086 | 0.9 | 24 | 4 | PPPPPPPPP |
| Q | REJETS DE SOUCHE DE HETRE | 1 | 0 | 0 | 0 | 3 | 11 | 120097 | 0.3 | 1 | 0 | QQQ |
| R | ÉRABLE ROUGE | 526 | 24 | 95 | 4 | 649 | 2429 | 122526 | 1.0 | 664 | 24 | RRRRRRRRR |
| S | ÉPINETTE | 1044 | 48 | 109 | 5 | 674 | 2522 | 125049 | 0.8 | 351 | 48 | SSSSSSSS |
| T | PEUPLIER | 247 | 11 | 156 | 7 | 366 | 1370 | 126418 | 1.7 | 91 | 11 | TTTTTTTTTTTTTTTT |
| U | HERBE - MOINS DE 60% | 444 | 20 | 12 | 1 | 3 | 11 | 126430 | 0.9 | 1 | 20 | UUUUUUUU |
| V | AUTRES FEUILLUS ORDINAIRES | 113 | 5 | 4 | 0 | 20 | 75 | 126504 | 1.1 | 1 | 5 | VVVVVVVVVV |
| W | BOULEAU BLANC | 742 | 34 | 243 | 11 | 1135 | 4248 | 130752 | 1.1 | 251 | 34 | WWWWWWWWW |
| Y | BOULEAU JAUNE | 107 | 5 | 12 | 1 | 99 | 371 | 131123 | 0.9 | 41 | 5 | YYYYYYYYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 19 | 1 | 11 | 1 | 21 | 79 | 131201 | 0.7 | 4 | 1 | ZZZZZZZ |
| $ | ÉPINETTE ET SAPIN MÉLANGÉS | 1329 | 61 | 248 | 12 | 1184 | 4431 | 131201 | . | . | 61 | |
| | RÉSINEUX COMMERCIAUX | 1518 | 70 | 380 | 18 | 1344 | 5030 | 131201 | . | . | 70 | |
| | FEUILLUS COMMERCIAUX | 1351 | 62 | 616 | 29 | 2660 | 9955 | 131201 | . | . | 62 | |
| | ESENCES NON COMMERCIALES | 2104 | 97 | 1146 | 54 | 31E3 | 116216 | 131201 | . | . | 97 | |
| | TOUTES LES ESSENCES | 2145 | 99 | 2142 | 100 | 35E3 | 131201 | 131201 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 2135 | 98 | 1762 | 82 | 34E3 | 126171 | 131201 | . | . | 98 | |

TOUTES LES RÉGIONS VISÉE PAR DES PERMIS — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 2123 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 685

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * | A ÉRABLE DE PENNSYLVANIE | 22 | 1 | 10 | 0 | 16 | 58 | 58 | 0.9 | 7 | 1 | ********* |
| - | HERBE - PLUS DE 60 % | 5 | 0 | 0 | 0 | 0 | 0 | 58 | 0.0 | 0 | 0 | |
| 0 | FOUGORE AIGLE | 11 | 1 | 5 | 0 | 0 | 0 | 58 | 0.0 | 0 | 1 | |
| 2 | FRAMBOISIER | 484 | 23 | 81 | 4 | 1369 | 4996 | 5055 | 0.7 | 158 | 23 | 2222222 |
| 3 | SUREAU | 987 | 46 | 257 | 12 | 3591 | 13106 | 18161 | 0.7 | 340 | 46 | 3333333 |
| 4 | VIORNE A FEUILLES D'AULNE | 72 | 3 | 14 | 1 | 55 | 201 | 18361 | 0.8 | 26 | 3 | 44444444 |
| 5 | NOISETTIER | 2 | 0 | 0 | 0 | 10 | 36 | 18398 | 0.6 | 3 | 0 | 555555 |
| 6 | ÉRABLE A ÉPIS | 33 | 2 | 4 | 0 | 79 | 288 | 18686 | 0.9 | 10 | 2 | 666666666 |
| 7 | SAULE | 38 | 2 | 18 | 1 | 46 | 168 | 18854 | 1.1 | 16 | 2 | 77777777777 |
| 8 | AULNE | 36 | 2 | 13 | 1 | 33 | 120 | 18974 | 1.0 | 15 | 2 | 8888888888 |
| 9 | VERGERETTE DU CANADA | 10 | 0 | 6 | 0 | 4 | 15 | 18989 | 2.3 | 3 | 0 | 9999999999999999999 |
| < | FRENE | 555 | 26 | 205 | 10 | 1830 | 6679 | 25668 | 0.9 | 210 | 26 | <<<<<<<<<< |
| A | HETRE | 5 | 0 | 1 | 0 | 2 | 7 | 25675 | 1.6 | 1 | 0 | AAAAAAAAAAAAAAAA |
| B | CERISIER DE PENNSYLVANIE | 5 | 0 | 2 | 0 | 4 | 15 | 25690 | 2.1 | 2 | 0 | BBBBBBBBBBBBBBBBBB |
| C | CEDRE | 91 | 4 | 25 | 1 | 71 | 259 | 25949 | 1.2 | 27 | 4 | CCCCCCCCCCCC |
| E | SAPIN BAUMIER | 13 | 1 | 0 | 0 | 7 | 26 | 25974 | 0.8 | 7 | 1 | EEEEEEEE |
| F | BOULEAU GRIS | 595 | 28 | 285 | 14 | 589 | 2150 | 28124 | 1.4 | 201 | 28 | FFFFFFFFFFFFF |
| G | BOIS DE FER | 7 | 0 | 1 | 0 | 1 | 4 | 28128 | 0.3 | 1 | 0 | GGG |
| H | PIN GRIS | 2 | 0 | 0 | 0 | 1 | 4 | 28131 | 0.2 | 1 | 0 | HH |
| J | POUSSE D'ERABLE ROUGE | 286 | 13 | 199 | 10 | 106 | 387 | 28518 | 1.2 | 97 | 13 | JJJJJJJJJJJJ |
| K | MÉLEZE | 195 | 9 | 106 | 5 | 297 | 1084 | 29602 | 2.0 | 71 | 9 | KKKKKKKKKKKKKKKKK |
| L | ÉRABLE A SUCRE | 10 | 0 | 7 | 0 | 5 | 18 | 29620 | 2.4 | 4 | 0 | LLLLLLLLLLLLLLLLLL |
| M | ESSENCES ÉRICACÉES | 26 | 1 | 5 | 0 | 17 | 62 | 29682 | 0.8 | 9 | 1 | MMMMMMMM |
| N | PINS BLANC ET ROUGE | 870 | 41 | 58 | 3 | 2461 | 8982 | 38664 | 0.3 | 261 | 41 | NNN |
| P | REJETS DE SOUCHE DE HETRE | 111 | 5 | 35 | 2 | 49 | 179 | 38843 | 1.3 | 37 | 5 | PPPPPPPPPPPPP |
| R | ÉRABLE ROUGE | 276 | 13 | 77 | 4 | 230 | 839 | 39682 | 1.0 | 96 | 13 | RRRRRRRRRR |
| S | ÉPINETTE | 1165 | 55 | 444 | 22 | 578 | 2109 | 41792 | 0.9 | 409 | 55 | SSSSSSSSS |
| T | PEUPLIER | 99 | 5 | 64 | 3 | 115 | 420 | 42212 | 1.8 | 41 | 5 | TTTTTTTTTTTTTTTTTT |
| U | HERBE - MOINS DE 60% | 99 | 5 | 10 | 0 | 0 | 0 | 42212 | 0.0 | 0 | 5 | |
| V | AUTRES FEUILLUS ORDINAIRES | 314 | 15 | 37 | 2 | 0 | 0 | 42212 | 0.0 | 0 | 15 | |
| W | BOULEAU BLANC | 237 | 11 | 83 | 4 | 241 | 880 | 43091 | 1.1 | 93 | 11 | WWWWWWWWWW |
| Y | BOULEAU JAUNE | 11 | 1 | 3 | 0 | 5 | 18 | 43109 | 0.8 | 3 | 1 | YYYYYYYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 8 | 0 | 3 | 0 | 4 | 15 | 43124 | 1.1 | 1 | 0 | ZZZZZZZZZZ |
| $ | ÉPINETTE ET SAPIN MÉLANGÉS | 1457 | 69 | 729 | 35 | 1167 | 4259 | 43124 | . | . | 69 | |
| | RÉSINEUX COMMERCIAUX | 1647 | 78 | 970 | 47 | 1335 | 4872 | 43124 | . | . | 78 | |
| | FEUILLUS COMMERCIAUX | 957 | 45 | 381 | 19 | 915 | 3339 | 43124 | . | . | 45 | |
| | ESENCES NON COMMERCIALES | 1723 | 81 | 707 | 34 | 9566 | 34912 | 43124 | . | . | 81 | |
| | TOUTES LES ESSENCES | 2083 | 98 | 2058 | 100 | 12E3 | 43124 | 43124 | . | . | 98 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 1880 | 89 | 1088 | 53 | 10E3 | 38252 | 43124 | . | . | 89 | |

## ANNEXE III

## Résumé de chaque titulaire de permis avant et après l'arrosage

UPSALQUITCH — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 175 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 80

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 16 | 9 | 5 | 3 | 11 | 344 | 344 | 0.6 | 6 | 9 | 000000 |
| 0 | HERBE - PLUS DE 60 % | 7 | 4 | 0 | 0 | 0 | 0 | 344 | 0.0 | 0 | 4 | |
| 2 | FOUGORE AIGLE | 36 | 21 | 0 | 0 | 139 | 4344 | 4688 | 0.6 | 15 | 21 | 222222 |
| 3 | FRAMBOISIER | 164 | 94 | 20 | 12 | 2792 | 87250 | 91938 | 0.8 | 77 | 94 | 33333333 |
| 4 | SUREAU | 32 | 18 | 10 | 6 | 34 | 1063 | 93000 | 1.0 | 13 | 18 | 4444444444 |
| 6 | NOISETTIER | 33 | 19 | 12 | 7 | 138 | 4313 | 97313 | 1.1 | 17 | 19 | 66666666666 |
| 7 | ÉRABLE A ÉPIS | 16 | 9 | 3 | 2 | 11 | 344 | 97656 | 1.5 | 3 | 9 | 777777777777777 |
| 8 | SAULE | 9 | 5 | 3 | 2 | 12 | 375 | 98031 | 1.4 | 4 | 5 | 8888888888888 |
| 9 | AULNE | 1 | 1 | 0 | 0 | 6 | 188 | 98219 | 0.9 | 1 | 1 | 999999999 |
| < | VERGERETTE DU CANADA | 136 | 78 | 33 | 19 | 1856 | 58000 | 156219 | 1.0 | 68 | 78 | <<<<<<<<<<< |
| A | FRENE | 4 | 2 | 2 | 1 | 3 | 94 | 156313 | 1.8 | 2 | 2 | AAAAAAAAAAAAAAAAA |
| C | CERISIER DE PENNSYLVANIE | 51 | 29 | 22 | 13 | 68 | 2125 | 158438 | 1.2 | 24 | 29 | CCCCCCCCCCCC |
| E | CEDRE | 2 | 1 | 0 | 0 | 2 | 63 | 158500 | 0.1 | 1 | 1 | E |
| F | SAPIN BAUMIER | 23 | 13 | 0 | 0 | 21 | 656 | 159156 | 0.4 | 9 | 13 | FFFF |
| J | PIN GRIS | 3 | 2 | 0 | 0 | 1 | 31 | 159188 | 0.7 | 1 | 2 | JJJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 6 | 3 | 1 | 1 | 5 | 156 | 159344 | 1.7 | 1 | 3 | KKKKKKKKKKKKKKKK |
| M | ÉRABLE A SUCRE | 10 | 6 | 0 | 0 | 6 | 188 | 159531 | 0.8 | 2 | 6 | MMMMMMM |
| N | ESSENCES ÉRICACÉES | 23 | 13 | 3 | 2 | 327 | 10219 | 169750 | 0.7 | 12 | 13 | NNNNNNN |
| P | PINS BLANC ET ROUGE | 3 | 2 | 0 | 0 | 1 | 31 | 169781 | 0.2 | 1 | 2 | PP |
| R | ÉRABLE ROUGE | 23 | 13 | 4 | 2 | 17 | 531 | 170313 | 0.7 | 10 | 13 | RRRRRRR |
| S | ÉPINETTE | 85 | 49 | 1 | 1 | 51 | 1594 | 171906 | 0.4 | 46 | 49 | SSSS |
| T | PEUPLIER | 47 | 27 | 33 | 19 | 111 | 3469 | 175375 | 1.5 | 30 | 27 | TTTTTTTTTTTTTTT |
| U | HERBE - MOINS DE 60% | 39 | 22 | 0 | 0 | 0 | 0 | 175375 | 0.0 | 0 | 22 | |
| W | BOULEAU BLANC | 60 | 34 | 17 | 10 | 106 | 3313 | 178688 | 0.8 | 30 | 34 | WWWWWWW |
| Y | BOULEAU JAUNE | 2 | 1 | 1 | 1 | 0 | 0 | 178688 | 0.0 | 0 | 1 | |
| Z | POUSSE D'ÉRABLE A SUCRE | 2 | 1 | 1 | 1 | 13 | 406 | 179094 | 0.0 | 1 | 1 | |
| 5 | ÉPINETTE ET SAPIN MÉLANGÉS | 100 | 57 | 1 | 1 | 72 | 2250 | 179094 | . | . | 57 | |
| | RÉSINEUX COMMERCIAUX | 105 | 60 | 1 | 1 | 76 | 2375 | 179094 | . | . | 60 | |
| | FEUILLUS COMMERCIAUX | 109 | 62 | 59 | 35 | 261 | 8156 | 179094 | . | . | 62 | |
| | ESENCES NON COMMERCIALES | 170 | 97 | 111 | 65 | 5394 | 168563 | 179094 | . | . | 97 | |
| | TOUTES LES ESSENCES | 171 | 98 | 171 | 100 | 5731 | 179094 | 179094 | . | . | 98 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 170 | 97 | 170 | 99 | 5655 | 176719 | 179094 | . | . | 97 | |

UPSALQUITCH — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 176 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 80

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| - | HERBE - PLUS DE 60 % | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| 2 | FOUGORE AIGLE | 14 | 8 | 0 | 0 | 33 | 1031 | 1031 | 0.5 | 6 | 8 | 22222 |
| 3 | FRAMBOISIER | 156 | 89 | 47 | 30 | 835 | 26094 | 27125 | 0.7 | 72 | 89 | 3333333 |
| 4 | SUREAU | 10 | 6 | 2 | 1 | 9 | 281 | 27406 | 1.2 | 4 | 6 | 444444444444 |
| 6 | VIORNE A FEUILLES D'AULNE | 9 | 5 | 4 | 3 | 33 | 1031 | 28438 | 0.9 | 3 | 5 | 666666666 |
| 7 | NOISETTIER | 11 | 6 | 7 | 4 | 9 | 281 | 28719 | 0.9 | 3 | 6 | 777777777 |
| 9 | ÉRABLE A ÉPIS | 1 | 1 | 1 | 1 | 0 | 0 | 28719 | 0.0 | 0 | 1 | |
| < | SAULE | 110 | 63 | 22 | 14 | 618 | 19313 | 48031 | 0.9 | 55 | 63 | <<<<<<<<< |
| A | VERGERETTE DU CANADA | 5 | 3 | 1 | 1 | 2 | 63 | 48094 | 1.6 | 1 | 3 | AAAAAAAAAAAAAAA |
| C | FRENE | 10 | 6 | 2 | 1 | 4 | 125 | 48219 | 0.8 | 3 | 6 | CCCCCCCC |
| E | HETRE | 1 | 1 | 0 | 0 | 1 | 31 | 48250 | 1.1 | 1 | 1 | EEEEEEEEEEE |
| F | CERISIER DE PENNSYLVANIE | 35 | 20 | 3 | 2 | 26 | 813 | 49063 | 0.5 | 14 | 20 | FFFFF |
| J | CEDRE | 4 | 2 | 4 | 3 | 2 | 63 | 49125 | 1.3 | 2 | 2 | JJJJJJJJJJJJ |
| K | SAPIN BAUMIER | 14 | 8 | 10 | 6 | 31 | 969 | 50094 | 1.4 | 6 | 8 | KKKKKKKKKKKK |
| M | PIN GRIS | 7 | 4 | 1 | 1 | 3 | 94 | 50188 | 1.6 | 1 | 4 | MMMMMMMMMMMMMMM |
| N | POUSSE D'ERABLE ROUGE | 74 | 42 | 4 | 3 | 197 | 6156 | 56344 | 0.3 | 23 | 42 | NNN |
| P | ÉRABLE A SUCRE | 3 | 2 | 0 | 0 | 1 | 31 | 56375 | 0.2 | 1 | 2 | PP |
| R | ESSENCES ÉRICACÉES | 13 | 7 | 1 | 1 | 10 | 313 | 56688 | 0.7 | 7 | 7 | RRRRRRR |
| S | PINS BLANC ET ROUGE | 108 | 61 | 16 | 10 | 68 | 2125 | 58813 | 0.6 | 60 | 61 | SSSSSS |
| T | ÉRABLE ROUGE | 29 | 16 | 23 | 15 | 68 | 2125 | 60938 | 1.6 | 20 | 16 | TTTTTTTTTTTTTTT |
| U | ÉPINETTE | 17 | 10 | 0 | 0 | 0 | 0 | 60938 | 0.0 | 0 | 10 | |
| V | PEUPLIER | 9 | 5 | 0 | 0 | 0 | 0 | 60938 | 0.0 | 0 | 5 | |
| W | HERBE - MOINS DE 60% | 23 | 13 | 9 | 6 | 41 | 1281 | 62219 | 0.7 | 8 | 13 | WWWWWW |
| Y | AUTRES FEUILLUS ORDINAIRES | 1 | 1 | 0 | 0 | 1 | 31 | 62250 | 0.4 | 1 | 1 | YYYY |
| Z | BOULEAU BLANC | 3 | 2 | 0 | 0 | 0 | 0 | 62250 | 0.0 | 0 | 2 | |
| $ | BOULEAU JAUNE | 125 | 71 | 19 | 12 | 94 | 2938 | 62250 | . | . | 71 | |
| | POUSSE D'ÉRABLE A SUCRE | 131 | 74 | 23 | 15 | 98 | 3063 | 62250 | . | . | 74 | |
| | ÉPINETTE ET SAPIN MÉLANGÉS | 86 | 49 | 45 | 28 | 156 | 4875 | 62250 | . | . | 49 | |
| | RÉSINEUX COMMERCIAUX | 168 | 95 | 90 | 57 | 1738 | 54313 | 62250 | . | . | 95 | |
| | FEUILLUS COMMERCIAUX | 171 | 97 | 158 | 100 | 1992 | 62250 | 62250 | . | . | 97 | |
| | ESENCES NON COMMERCIALES | 170 | 97 | 135 | 85 | 1894 | 59188 | 62250 | . | . | 97 | |
| | TOUTES LES ESSENCES | | | | | | | | | | | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | | | | | | | | | | | |

NEPISIGUIT RÉGION = TOUTES LES RÉGIONS BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 253 POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 91

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | A ÉRABLE DE PENNSYLVANIE | 6 | 2 | 0 | 0 | 1 | 27 | 27 | 0.6 | 1 | 2 | 8888888 |
| 0 | HERBE - PLUS DE 60 % | 11 | 4 | 3 | 1 | 0 | 0 | 27 | 0.0 | 0 | 4 | |
| 2 | FOUGORE AIGLE | 82 | 32 | 4 | 2 | 333 | 9148 | 9176 | 0.8 | 27 | 32 | 22222222 |
| 3 | FRAMBOISIER | 218 | 86 | 18 | 7 | 2885 | 79258 | 88434 | 0.8 | 87 | 86 | 33333333 |
| 4 | SUREAU | 45 | 18 | 13 | 5 | 50 | 1374 | 89808 | 1.0 | 19 | 18 | 4444444444 |
| 6 | NOISETTIER | 69 | 27 | 10 | 4 | 215 | 5907 | 95714 | 1.0 | 31 | 27 | 6666666666 |
| 7 | ÉRABLE A ÉPIS | 18 | 7 | 0 | 0 | 17 | 467 | 96181 | 0.7 | 9 | 7 | 7777777 |
| 8 | SAULE | 10 | 4 | 5 | 2 | 5 | 137 | 96319 | 1.3 | 5 | 4 | 888888888888 |
| 9 | AULNE | 5 | 2 | 2 | 1 | 0 | 0 | 96319 | 0.0 | 0 | 2 | |
| C | VERGERETTE DU CANADA | 221 | 87 | 80 | 32 | 1573 | 43214 | 139533 | 1.0 | 76 | 87 | CCCCCCCCCC |
| A | FRENE | 3 | 1 | 0 | 0 | 5 | 137 | 139670 | 1.1 | 2 | 1 | AAAAAAAAAA |
| C | CERISIER DE PENNSYLVANIE | 63 | 25 | 28 | 11 | 72 | 1978 | 141648 | 1.3 | 24 | 25 | CCCCCCCCCCCC |
| E | CEDRE | 2 | 1 | 0 | 0 | 2 | 55 | 141703 | 0.6 | 2 | 1 | EEEEEE |
| F | SAPIN BAUMIER | 46 | 18 | 4 | 2 | 39 | 1071 | 142775 | 0.4 | 13 | 18 | FFFF |
| J | PIN GRIS | 6 | 2 | 0 | 0 | 5 | 137 | 142912 | 0.6 | 4 | 2 | JJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 12 | 5 | 7 | 3 | 22 | 604 | 143516 | 1.2 | 4 | 5 | KKKKKKKKKK |
| M | ÉRABLE A SUCRE | 6 | 2 | 0 | 0 | 3 | 82 | 143599 | 0.5 | 2 | 2 | MMMM |
| N | ESSENCES ÉRICACÉES | 45 | 18 | 5 | 2 | 147 | 4038 | 147637 | 0.4 | 14 | 18 | NNNN |
| P | PINS BLANC ET ROUGE | 1 | 0 | 0 | 0 | 0 | 0 | 147637 | 0.0 | 0 | 0 | |
| R | ÉRABLE ROUGE | 37 | 15 | 1 | 0 | 33 | 907 | 148544 | 0.7 | 14 | 15 | RRRRRR |
| S | ÉPINETTE | 135 | 53 | 10 | 4 | 71 | 1951 | 150495 | 0.7 | 58 | 53 | SSSSSS |
| T | PEUPLIER | 38 | 15 | 31 | 12 | 61 | 1676 | 152170 | 2.6 | 14 | 15 | TTTTTTTTTTTTTTTTT |
| U | HERBE - MOINS DE 60% | 64 | 25 | 1 | 0 | 3 | 82 | 152253 | 0.9 | 1 | 25 | UUUUUUUUU |
| V | AUTRES FEUILLUS ORDINAIRES | 1 | 0 | 1 | 0 | 0 | 0 | 152253 | 0.0 | 0 | 0 | |
| W | BOULEAU BLANC | 78 | 31 | 24 | 10 | 79 | 2170 | 154423 | 1.4 | 29 | 31 | WWWWWWWWWWWW |
| Z | POUSSE D'ÉRABLE A SUCRE | 2 | 1 | 2 | 1 | 0 | 0 | 154423 | 0.0 | 0 | 1 | |
| $ | ÉPINETTE ET SAPIN MÉLANGÉS | 155 | 61 | 14 | 6 | 110 | 3022 | 154423 | . | . | 61 | |
| | RÉSINEUX COMMERCIAUX | 160 | 63 | 14 | 6 | 117 | 3214 | 154423 | . | . | 63 | |
| | FEUILLUS COMMERCIAUX | 130 | 51 | 66 | 27 | 203 | 5577 | 154423 | . | . | 51 | |
| | ESENCES NON COMMERCIALES | 250 | 99 | 169 | 68 | 5301 | 145632 | 154423 | . | . | 99 | |
| | TOUTES LES ESSENCES | 251 | 99 | 249 | 100 | 5621 | 154423 | 154423 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | L 251 | 99 | 235 | 94 | 5504 | 151209 | 154423 | . | . | 99 | |

NEPISIGUIT — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 224 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBRES = 86

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0,1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 4 | 2 | 0 | 0 | 10 | 291 | 291 | 0.9 | 3 | 2 | 000000000 |
| 2 | FOUGORE AIGLE | 47 | 21 | 3 | 1 | 117 | 3401 | 3692 | 0.6 | 18 | 21 | 222222 |
| 3 | FRAMBOISIER | 139 | 62 | 13 | 6 | 737 | 21424 | 25116 | 0.7 | 55 | 62 | 3333333 |
| 4 | SUREAU | 15 | 7 | 1 | 0 | 25 | 727 | 25843 | 0.9 | 10 | 7 | 444444444 |
| 6 | NOISETTIER | 20 | 9 | 0 | 0 | 45 | 1308 | 27151 | 0.9 | 6 | 9 | 666666666 |
| 7 | ÉRABLE A ÉPIS | 5 | 2 | 1 | 0 | 17 | 494 | 27645 | 0.9 | 4 | 2 | 777777777 |
| 8 | SAULE | 12 | 5 | 6 | 3 | 11 | 320 | 27965 | 1.1 | 5 | 5 | 88888888888 |
| 9 | AULNE | 3 | 1 | 2 | 1 | 0 | 0 | 27965 | 0.0 | 0 | 1 | |
| < | VERGERETTE DU CANADA | 167 | 75 | 82 | 37 | 625 | 18169 | 46134 | 1.0 | 64 | 75 | <<<<<<<<<< |
| C | CERISIER DE PENNSYLVANIE | 22 | 10 | 5 | 2 | 10 | 291 | 46424 | 1.6 | 5 | 10 | CCCCCCCCCCCCCCC |
| F | SAPIN BAUMIER | 43 | 19 | 11 | 5 | 45 | 1308 | 47733 | 0.9 | 20 | 19 | FFFFFFFFF |
| J | PIN GRIS | 2 | 1 | 1 | 0 | 3 | 87 | 47820 | 1.3 | 2 | 1 | JJJJJJJJJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 26 | 12 | 14 | 6 | 27 | 785 | 48605 | 1.4 | 7 | 12 | KKKKKKKKKKKKK |
| M | ÉRABLE A SUCRE | 2 | 1 | 0 | 0 | 2 | 58 | 48663 | 1.2 | 1 | 1 | MMMMMMMMMMM |
| N | ESSENCES ÉRICACÉES | 81 | 36 | 5 | 2 | 293 | 8517 | 57180 | 0.3 | 30 | 36 | NNN |
| P | PINS BLANC ET ROUGE | 6 | 3 | 0 | 0 | 3 | 87 | 57267 | 0.3 | 3 | 3 | PPP |
| R | ÉRABLE ROUGE | 12 | 5 | 3 | 1 | 10 | 291 | 57558 | 1.0 | 5 | 5 | RRRRRRRRR |
| S | ÉPINETTE | 140 | 63 | 35 | 16 | 76 | 2209 | 59767 | 0.8 | 60 | 63 | SSSSSSS |
| T | PEUPLIER | 39 | 17 | 29 | 13 | 30 | 872 | 60640 | 2.9 | 10 | 17 | TTTTTTTTTTTTTTTTT |
| U | HERBE - MOINS DE 60% | 3 | 1 | 0 | 0 | 0 | 0 | 60640 | 0.0 | 0 | 1 | |
| V | AUTRES FEUILLUS ORDINAIRES | 36 | 16 | 2 | 1 | 0 | 0 | 60640 | 0.0 | 0 | 16 | |
| W | BOULEAU BLANC | 29 | 13 | 11 | 5 | 23 | 669 | 61308 | 1.5 | 10 | 13 | WWWWWWWWWWWWW |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 156 | 70 | 46 | 21 | 121 | 3517 | 61308 | . | . | 70 | |
| | RÉSINEUX COMMERCIAUX | 160 | 71 | 47 | 21 | 127 | 3692 | 61308 | . | . | 71 | |
| | FEUILLUS COMMERCIAUX | 116 | 52 | 59 | 26 | 92 | 2674 | 61308 | . | . | 52 | |
| | ESENCES NON COMMERCIALES | 224 | 100 | 118 | 53 | 1890 | 54942 | 61308 | . | . | 100 | |
| | TOUTES LES ESSENCES | 225 | 100 | 224 | 100 | 2109 | 61308 | 61308 | . | . | 100 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 225 | 100 | 177 | 79 | 1982 | 57616 | 61308 | . | . | 100 | |

ÉTUDES ANTÉRIEURE AU PROGRAM DE POVÉRISATION

LOWER MIRIMICHI — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 102 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 42

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 6 | 6 | 0 | 0 | 4 | 238 | 238 | 1.1 | 3 | 4 | 0000000000 |
| 0 | HERBE - PLUS DE 60 % | 4 | 4 | 3 | 3 | 0 | 0 | 238 | 0.0 | 0 | 4 | |
| 2 | FOUGORE AIGLE | 63 | 62 | 7 | 7 | 257 | 15298 | 15536 | 0.7 | 23 | 62 | 2222222 |
| 3 | FRAMBOISIER | 53 | 52 | 4 | 4 | 407 | 24226 | 39762 | 0.7 | 24 | 52 | 3333333 |
| 4 | SUREAU | 4 | 4 | 0 | 0 | 2 | 119 | 39881 | 0.9 | 2 | 4 | 444444444 |
| 5 | VIORNE A FEUILLES D'AULNE | 5 | 5 | 0 | 0 | 4 | 238 | 40119 | 1.0 | 3 | 5 | 5555555555 |
| 6 | NOISETTIER | 5 | 5 | 1 | 1 | 16 | 952 | 41071 | 1.3 | 5 | 5 | 6666666666666 |
| < | VERGERETTE DU CANADA | 38 | 37 | 7 | 7 | 225 | 13393 | 54464 | 1.4 | 20 | 37 | <<<<<<<<<<<<<< |
| B | HETRE | 1 | 1 | 0 | 0 | 0 | 0 | 54464 | 0.0 | 0 | 1 | |
| C | CERISIER DE PENNSYLVANIE | 26 | 25 | 9 | 9 | 89 | 5298 | 59762 | 1.1 | 9 | 25 | CCCCCCCCCC |
| E | CEDRE | 6 | 6 | 0 | 0 | 8 | 476 | 60238 | 0.2 | 1 | 6 | EE |
| F | SAPIN BAUMIER | 41 | 40 | 13 | 13 | 36 | 2143 | 62381 | 1.5 | 17 | 40 | FFFFFFFFFFFFFF |
| G | BOULEAU GRIS | 2 | 2 | 0 | 0 | 0 | 0 | 62381 | 0.0 | 0 | 2 | |
| J | PIN GRIS | 35 | 34 | 3 | 3 | 20 | 1190 | 63571 | 0.6 | 17 | 34 | JJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 26 | 25 | 11 | 11 | 31 | 1845 | 65417 | 0.9 | 11 | 25 | KKKKKKKKK |
| M | ÉRABLE A SUCRE | 5 | 5 | 0 | 0 | 1 | 60 | 65476 | 0.8 | 1 | 5 | MMMMMMMM |
| N | ESSENCES ÉRICACÉES | 20 | 20 | 2 | 2 | 40 | 2381 | 67857 | 0.5 | 8 | 20 | NNNNN |
| P | PINS BLANC ET ROUGE | 9 | 9 | 3 | 3 | 4 | 238 | 68095 | 0.4 | 4 | 9 | PPPP |
| R | ÉRABLE ROUGE | 11 | 11 | 1 | 1 | 6 | 357 | 68452 | 0.8 | 3 | 11 | RRRRRRRR |
| S | ÉPINETTE | 38 | 37 | 10 | 10 | 27 | 1607 | 70060 | 0.5 | 12 | 37 | SSSSS |
| T | PEUPLIER | 11 | 11 | 5 | 5 | 13 | 774 | 70833 | 0.8 | 5 | 11 | TTTTTTTT |
| U | HERBE - MOINS DE 60% | 33 | 32 | 0 | 0 | 0 | 0 | 70833 | 0.0 | 0 | 32 | |
| V | AUTRES FEUILLUS ORDINAIRES | 1 | 1 | 1 | 1 | 0 | 0 | 70833 | 0.0 | 0 | 1 | |
| W | BOULEAU BLANC | 51 | 50 | 17 | 17 | 184 | 10952 | 81786 | 1.1 | 23 | 50 | WWWWWWWWWW |
| Y | BOULEAU JAUNE | 8 | 8 | 2 | 2 | 11 | 655 | 82440 | 0.8 | 5 | 8 | YYYYYYYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 2 | 2 | 2 | 2 | 7 | 417 | 82857 | 2.1 | 2 | 2 | ZZZZZZZZZZZZZZZZZZ |
| $ | ÉPINETTE ET SAPIN MÉLANGÉS | 67 | 66 | 23 | 23 | 63 | 3750 | 82857 | . | . | 66 | |
| | RÉSINEUX COMMERCIAUX | 84 | 82 | 29 | 29 | 95 | 5655 | 82857 | . | . | 82 | |
| | FEUILLUS COMMERCIAUX | 77 | 75 | 39 | 39 | 253 | 15060 | 82857 | . | . | 75 | |
| | ESENCES NON COMMERCIALES | 99 | 97 | 33 | 33 | 1044 | 62143 | 82857 | . | . | 97 | |
| | TOUTES LES ESSENCES | 101 | 99 | 101 | 100 | 1392 | 82857 | 82857 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 99 | 97 | 72 | 71 | 1297 | 77202 | 82857 | . | . | 97 | |

LOWER MIRIMICHI — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 102 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 42

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 4 | 4 | 0 | 0 | 3 | 179 | 179 | 0.7 | 2 | 4 | 0000000 |
| 2 | FOUGORE AIGLE | 32 | 31 | 1 | 1 | 80 | 4762 | 4940 | 0.8 | 13 | 31 | 22222222 |
| 3 | FRAMBOISIER | 21 | 21 | 0 | 0 | 72 | 4286 | 9226 | 0.5 | 10 | 21 | 33333 |
| 4 | SUREAU | 1 | 1 | 1 | 1 | 0 | 0 | 9226 | 0.0 | 0 | | |
| 5 | VIORNE A FEUILLES D'AULNE | 1 | 1 | 0 | 0 | 9 | 536 | 9762 | 0.7 | 2 | 1 | 5555555 |
| < | VERGERETTE DU CANADA | 32 | 31 | 11 | 11 | 194 | 11548 | 21310 | 1.1 | 17 | 31 | <<<<<<<<<<< |
| C | CERISIER DE PENNSYLVANIE | 8 | 8 | 3 | 3 | 28 | 1667 | 22976 | 1.3 | 4 | 6 | CCCCCCCCCCCCC |
| E | CEDRE | 3 | 3 | 0 | 0 | 2 | 119 | 23095 | 0.2 | 2 | 3 | EE |
| F | SAPIN BAUMIER | 45 | 44 | 23 | 23 | 39 | 2321 | 25417 | 2.0 | 17 | 44 | FFFFFFFFFFFFFFFFF |
| H | | 2 | 2 | 0 | 0 | 1 | 60 | 25476 | 0.2 | 1 | 2 | HH |
| J | PIN GRIS | 42 | 41 | 14 | 14 | 23 | 1369 | 26845 | 1.0 | 21 | 41 | JJJJJJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 21 | 21 | 16 | 16 | 24 | 1429 | 28274 | 1.0 | 8 | 21 | KKKKKKKKKK |
| M | ÉRABLE A SUCRE | 4 | 4 | 0 | 0 | 3 | 179 | 28452 | 0.4 | 2 | 4 | MMMM |
| N | ESSENCES ÉRICACÉES | 5 | 5 | 1 | 1 | 7 | 417 | 28869 | 0.3 | 2 | 5 | NNN |
| P | PINS BLANC ET ROUGE | 13 | 13 | 4 | 4 | 6 | 357 | 29226 | 0.4 | 6 | 13 | PPPP |
| R | ÉRABLE ROUGE | 6 | 6 | 1 | 1 | 3 | 179 | 29405 | 0.2 | 2 | 6 | RR |
| S | ÉPINETTE | 44 | 45 | 21 | 21 | 32 | 1905 | 31310 | 0.6 | 17 | 45 | SSSSSS |
| T | PEUPLIER | 3 | 3 | 1 | 1 | 2 | 119 | 31429 | 0.1 | 1 | 3 | T |
| W | BOULEAU BLANC | 22 | 22 | 4 | 4 | 23 | 1369 | 32798 | 0.6 | 7 | 22 | WWWWW |
| Y | BOULEAU JAUNE | 3 | 3 | 0 | 0 | 2 | 119 | 32917 | 1.4 | 1 | 3 | YYYYYYYYYYYYY |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 75 | 74 | 44 | 44 | 71 | 4226 | 32917 | . | . | 74 | |
| | RÉSINEUX COMMERCIAUX | 93 | 91 | 62 | 61 | 103 | 6131 | 32917 | . | . | 91 | |
| | FEUILLUS COMMERCIAUX | 51 | 50 | 23 | 22 | 57 | 3393 | 32917 | . | . | 50 | |
| | ESENCES NON COMMERCIALES | 55 | 54 | 17 | 17 | 393 | 23393 | 32917 | . | . | 54 | |
| | TOUTES LES ESSENCES | 101 | 99 | 101 | 100 | 553 | 32917 | 32917 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 74 | 73 | 39 | 39 | 450 | 26786 | 32917 | . | . | 73 | |

QUEENS-CHARLOTTE — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 779 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBRES = 217

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 15 | 2 | 4 | 1 | 10 | 115 | 115 | 2.1 | 4 | 2 | 00000000000000000 |
| 0 | HERBE - PLUS DE 50 % | 41 | 5 | 5 | 1 | 1 | 12 | 127 | 0.5 | 1 | 5 | 00000 |
| 2 | FOUGERE AIGLE | 497 | 64 | 105 | 14 | 2160 | 24885 | 25012 | 0.7 | 131 | 64 | 2222222 |
| 3 | FRAMBOISIER | 298 | 38 | 15 | 2 | 1726 | 19885 | 44896 | 0.4 | 87 | 38 | 3333 |
| 4 | SUREAU | 27 | 3 | 0 | 0 | 24 | 276 | 45173 | 0.3 | 8 | 3 | 444 |
| 5 | VIORNE A FEUILLES D'AULNE | 7 | 1 | 0 | 0 | 71 | 818 | 45991 | 0.6 | 3 | 1 | 555555 |
| 6 | NOISETTIER | 20 | 3 | 2 | 0 | 59 | 680 | 46671 | 0.9 | 8 | 3 | 666666666 |
| 7 | ÉRABLE A ÉPIS | 7 | 1 | 1 | 0 | 3 | 35 | 46705 | 1.3 | 2 | 1 | 7777777777777 |
| 8 | SAULE | 27 | 3 | 4 | 1 | 22 | 253 | 46959 | 1.0 | 7 | 3 | 8888888888 |
| 9 | AULNE | 20 | 3 | 16 | 2 | 23 | 265 | 47224 | 1.5 | 5 | 3 | 999999999999999 |
| < | VERGERETTE DU CANADA | 52 | 7 | 1 | 0 | 99 | 1141 | 48364 | 0.7 | 15 | 7 | <<<<<<< |
| A | FRENE | 7 | 1 | 2 | 0 | 6 | 69 | 48433 | 1.0 | 2 | 1 | AAAAAAAAAA |
| C | CERISIER DE PENNSYLVANIE | 150 | 19 | 29 | 4 | 147 | 1694 | 50127 | 0.7 | 47 | 19 | CCCCCCC |
| E | CEDRE | 11 | 1 | 0 | 0 | 6 | 69 | 50196 | 0.2 | 2 | 1 | EE |
| F | SAPIN BAUMIER | 228 | 29 | 66 | 9 | 207 | 2385 | 52581 | 1.1 | 63 | 29 | FFFFFFFFFF |
| G | BOULEAU GRIS | 12 | 2 | 5 | 1 | 16 | 184 | 52765 | 0.8 | 4 | 2 | GGGGGGGG |
| J | PIN GRIS | 152 | 20 | 77 | 10 | 46 | 530 | 53295 | 1.4 | 37 | 20 | JJJJJJJJJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 121 | 16 | 41 | 5 | 153 | 1763 | 55058 | 0.6 | 29 | 16 | KKKKKK |
| L | MÉLEZE | 6 | 1 | 2 | 0 | 1 | 12 | 55069 | 1.0 | 1 | 1 | LLLLLLLLLL |
| M | ÉRABLE A SUCRE | 1 | 0 | 1 | 0 | 0 | 0 | 55069 | 0.0 | 0 | 0 | |
| N | ESSENCES ÉRICACÉES | 369 | 47 | 46 | 6 | 1966 | 22650 | 77719 | 0.6 | 104 | 47 | NNNNNN |
| P | PINS BLANC ET ROUGE | 76 | 10 | 27 | 4 | 28 | 323 | 78041 | 1.0 | 19 | 10 | PPPPPPPPP |
| Q | REJETS DE SOUCHE DE HETRE | 1 | 0 | 0 | 0 | 3 | 35 | 78076 | 0.3 | 1 | 0 | QQQ |
| R | ÉRABLE ROUGE | 307 | 39 | 64 | 8 | 398 | 4585 | 82661 | 1.1 | 85 | 39 | RRRRRRRRRR |
| S | ÉPINETTE | 327 | 42 | 71 | 9 | 359 | 4136 | 86797 | 1.0 | 99 | 42 | SSSSSSSSS |
| T | PEUPLIER | 98 | 13 | 64 | 8 | 129 | 1486 | 88283 | 1.7 | 26 | 13 | TTTTTTTTTTTTTTTT |
| U | HERBE - MOINS DE 50% | 123 | 16 | 2 | 0 | 0 | 0 | 88283 | 0.0 | 0 | 16 | |
| V | AUTRES FEUILLUS ORDINAIRES | 77 | 10 | 0 | 0 | 0 | 0 | 88283 | 0.0 | 0 | 10 | |
| W | BOULEAU BLANC | 329 | 42 | 110 | 14 | 529 | 6094 | 94378 | 1.2 | 107 | 42 | WWWWWWWWWW |
| Y | BOULEAU JAUNE | 38 | 5 | 7 | 1 | 45 | 518 | 94896 | 1.6 | 15 | 5 | YYYYYYYYYYYYYYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 3 | 0 | 1 | 0 | 1 | 12 | 94908 | 0.7 | 1 | 0 | ZZZZZZZ |
| 5 | ÉPINETTE ET SAPIN MÉLANGÉS | 458 | 59 | 137 | 18 | 566 | 6521 | 94908 | . | . | 59 | |
| | RÉSINEUX COMMERCIAUX | 571 | 73 | 243 | 32 | 647 | 7454 | 94908 | . | . | 73 | |
| | FEUILLUS COMMERCIAUX | 592 | 76 | 290 | 38 | 1264 | 14562 | 94908 | . | . | 76 | |
| | ESENCES NON COMMERCIALES | 737 | 95 | 235 | 31 | 6327 | 72892 | 94908 | . | . | 95 | |
| | TOUTES LES ESSENCES | 768 | 99 | 768 | 100 | 8238 | 94908 | 94908 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 764 | 98 | 525 | 68 | 7591 | 87454 | 94908 | . | . | 98 | |

QUEENS-CHARLOTTE RÉGION = TOUTES LES RÉGIONS BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 736 POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBRES = 225

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| - | HERBE - PLUS DE 60 % | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| 0 | FOUGORE AIGLE | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0.0 | 0 | 1 | |
| 2 | FRAMBOISIER | 340 | 46 | 71 | 10 | 1043 | 11589 | 11589 | 0.8 | 102 | 46 | 22222222 |
| 3 | SUREAU | 148 | 20 | 8 | 1 | 338 | 3756 | 15344 | 0.5 | 55 | 20 | 33333 |
| 4 | NOISETTIER | 5 | 1 | 1 | 0 | 2 | 22 | 15367 | 0.2 | 2 | 1 | 44 |
| 4 | ÉRABLE A ÉPIS | 2 | 0 | 0 | 0 | 0 | 0 | 15367 | 0.0 | 0 | 0 | |
| 7 | SAULE | 3 | 0 | 0 | 0 | 3 | 33 | 15400 | 0.9 | 1 | 0 | 777777777 |
| 8 | AULNE | 13 | 2 | 0 | 0 | 7 | 78 | 15478 | 0.7 | 5 | 2 | 8888888 |
| 9 | VERGERETTE DU CANADA | 6 | 1 | 3 | 0 | 4 | 44 | 15522 | 2.3 | 3 | 1 | 9999999999999999 |
| < | CERISIER DE PENNSYLVANIE | 40 | 5 | 4 | 1 | 41 | 456 | 15978 | 0.4 | 15 | 5 | <<<<< |
| C | CEDRE | 14 | 2 | 3 | 0 | 8 | 89 | 16067 | 1.7 | 4 | 2 | CCCCCCCCCCCCCCCC |
| E | SAPIN BAUMIER | 8 | 1 | 0 | 0 | 4 | 44 | 16111 | 1.1 | 4 | 1 | EEEEEEEEEE |
| F | PIN GRIS | 242 | 33 | 114 | 16 | 299 | 3322 | 19433 | 1.8 | 86 | 33 | FFFFFFFFFFFFFFFFF |
| J | POUSSE D'ÉRABLE ROUGE | 153 | 21 | 113 | 16 | 49 | 544 | 19978 | 1.5 | 46 | 21 | JJJJJJJJJJJJJJ |
| K | MÉLEZE | 106 | 14 | 52 | 7 | 197 | 2189 | 22167 | 2.4 | 44 | 14 | KKKKKKKKKKKKKKKKK |
| L | ESSENCES ÉRICACÉES | 3 | 0 | 3 | 0 | 1 | 11 | 22178 | 2.7 | 1 | 0 | LLLLLLLLLLLLLLLLL |
| N | PINS BLANC ET ROUGE | 384 | 52 | 33 | 5 | 1187 | 13189 | 35367 | 0.4 | 125 | 52 | NNNN |
| P | ÉRABLE ROUGE | 89 | 12 | 31 | 4 | 39 | 433 | 35800 | 1.6 | 27 | 12 | PPPPPPPPPPPPPPP |
| R | ÉPINETTE | 167 | 23 | 46 | 6 | 132 | 1467 | 37267 | 1.2 | 47 | 23 | RRRRRRRRRRR |
| S | PEUPLIER | 347 | 47 | 168 | 24 | 217 | 2411 | 39678 | 1.4 | 116 | 47 | SSSSSSSSSSSS |
| T | HERBE - MOINS DE 60% | 13 | 2 | 10 | 1 | 6 | 67 | 39744 | 2.0 | 4 | 2 | TTTTTTTTTTTTTTTTT |
| U | AUTRES FEUILLUS ORDINAIRES | 7 | 1 | 2 | 0 | 0 | 0 | 39744 | 0.0 | 0 | 1 | |
| V | BOULEAU BLANC | 106 | 14 | 7 | 1 | 0 | 0 | 39744 | 0.0 | 0 | 14 | |
| W | BOULEAU JAUNE | 107 | 15 | 37 | 5 | 122 | 1356 | 41100 | 1.3 | 50 | 15 | WWWWWWWWWWW |
| Y | ÉPINETTE ET SAPIN MÉLANGÉS | 2 | 0 | 1 | 0 | 0 | 0 | 41100 | 0.0 | 0 | 0 | |
| S | RÉSINEUX COMMERCIAUX | 480 | 65 | 282 | 40 | 516 | 5733 | 41100 | . | . | 65 | |
| | FEUILLUS COMMERCIAUX | 590 | 80 | 429 | 60 | 609 | 6767 | 41100 | . | . | 80 | |
| | ESENCES NON COMMERCIALES | 380 | 52 | 153 | 22 | 457 | 5078 | 41100 | . | . | 52 | |
| | TOUTES LES ESSENCES | 593 | 81 | 129 | 18 | 2633 | 29256 | 41100 | . | . | 81 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 721 | 98 | 711 | 100 | 3699 | 41100 | 41100 | . | . | 98 | |
| | | 667 | 91 | 282 | 40 | 3090 | 34333 | 41100 | . | . | 91 | |

ÉTUDES ANTÉRIEURE AU PROGRAM DE PULVÉRISATION

FUNDY — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES ($4M^2$) SOUMISES À L'ÉTUDE = 151 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 35

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | HERBE - PLUS DE 60 % | 17 | 11 | 6 | 4 | 0 | 0 | 0 | 0.0 | 0 | 11 | |
| 2 | FOUGORE AIGLE | 54 | 36 | 4 | 3 | 144 | 10286 | 10286 | 0.6 | 15 | 36 | 222222 |
| 3 | FRAMBOISIER | 114 | 75 | 43 | 29 | 526 | 37571 | 47857 | 0.7 | 27 | 75 | 3333333 |
| 4 | SUREAU | 6 | 4 | 2 | 1 | 0 | 0 | 47857 | 0.0 | 0 | 4 | |
| 6 | NOISETTIER | 11 | 7 | 3 | 2 | 17 | 1214 | 49071 | 0.9 | 2 | 7 | 666666666 |
| 7 | ÉRABLE A ÉPIS | 4 | 3 | 1 | 1 | 2 | 143 | 49214 | 2.3 | 2 | 3 | 77777777777777777 |
| 8 | SAULE | 1 | 1 | 0 | 0 | 0 | 0 | 49214 | 0.0 | 0 | 1 | |
| 9 | AULNE | 9 | 6 | 8 | 5 | 27 | 1929 | 51143 | 1.2 | 3 | 6 | 999999999999 |
| < | VERGERETTE DU CANADA | 8 | 5 | 0 | 0 | 6 | 429 | 51571 | 0.9 | 1 | 5 | <<<<<<<<<< |
| A | FRENE | 2 | 1 | 0 | 0 | 0 | 0 | 51571 | 0.0 | 0 | 1 | |
| C | CERISIER DE PENNSYLVANIE | 7 | 5 | 3 | 2 | 3 | 214 | 51786 | 0.8 | 3 | 5 | CCCCCCCC |
| E | CEDRE | 2 | 1 | 0 | 0 | 1 | 71 | 51857 | 0.4 | 1 | 1 | EEEE |
| F | SAPIN BAUMIER | 52 | 34 | 25 | 17 | 45 | 3214 | 55071 | 1.0 | 10 | 34 | FFFFFFFFFF |
| G | BOULEAU GRIS | 15 | 10 | 4 | 3 | 11 | 786 | 55857 | 0.5 | 4 | 10 | GGGGG |
| J | PIN GRIS | 16 | 11 | 9 | 6 | 1 | 71 | 55929 | 1.2 | 1 | 11 | JJJJJJJJJJJ |
| P | POUSSE D'ERABLE ROUGE | 18 | 12 | 7 | 5 | 0 | 0 | 55929 | 0.0 | 0 | 12 | |
| L | MÉLEZE | 8 | 5 | 4 | 3 | 11 | 786 | 56714 | 3.4 | 3 | 5 | LLLLLLLLLLLLLLLLLL |
| M | ÉRABLE A SUCRE | 3 | 2 | 1 | 1 | 4 | 286 | 57000 | 1.0 | 2 | 2 | MMMMMMMMM |
| N | ESSENCES ÉRICACÉES | 28 | 19 | 8 | 5 | 301 | 21500 | 78500 | 0.5 | 7 | 19 | NNNNN |
| R | ÉRABLE ROUGE | 17 | 11 | 6 | 4 | 13 | 929 | 79429 | 1.4 | 2 | 11 | RRRRRRRRRRRRR |
| S | ÉPINETTE | 52 | 34 | 2 | 1 | 15 | 1071 | 80500 | 0.4 | 14 | 34 | SSSS |
| T | PEUPLIER | 6 | 4 | 2 | 1 | 7 | 500 | 81000 | 0.5 | 3 | 4 | TTTTT |
| U | HERBE - MOINS DE 60% | 26 | 17 | 0 | 0 | 0 | 0 | 81000 | 0.0 | 0 | 17 | |
| V | AUTRES FEUILLUS ORDINAIRES | 24 | 16 | 2 | 1 | 20 | 1429 | 82429 | 1.1 | 1 | 16 | VVVVVVVVVV |
| W | BOULEAU BLANC | 20 | 13 | 8 | 5 | 22 | 1571 | 84000 | 0.8 | 7 | 13 | WWWWWW |
| Y | BOULEAU JAUNE | 1 | 1 | 0 | 0 | 1 | 71 | 84071 | 0.3 | 1 | 1 | YYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 2 | 1 | 1 | 1 | 0 | 0 | 84071 | 0.0 | 0 | 1 | |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 91 | 60 | 27 | 18 | 60 | 4286 | 84071 | . | . | 60 | |
| | RÉSINEUX COMMERCIAUX | 100 | 66 | 40 | 27 | 73 | 5214 | 84071 | . | . | 66 | |
| | FEUILLUS COMMERCIAUX | 70 | 46 | 27 | 18 | 67 | 4786 | 84071 | . | . | 46 | |
| | ESENCES NON COMMERCIALES | 145 | 96 | 82 | 55 | 1037 | 74071 | 84071 | . | . | 96 | |
| | TOUTES LES ESSENCES | 149 | 99 | 149 | 100 | 1177 | 84071 | 84071 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 146 | 97 | 109 | 73 | 1104 | 78857 | 84071 | . | . | 97 | |

ÉTUDES POSTÉRIEURE AU PROGRAMME PULVÉRISATION

FUNDY

RÉGION = TOUTES LES RÉGIONS BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 151 POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 35

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | HERBE - PLUS DE 50 % | 6 | 4 | 3 | 2 | 0 | 0 | 0 | 0.0 | 0 | 4 | |
| 2 | FOUGORE AIGLE | 8 | 5 | 0 | 0 | 15 | 1071 | 1071 | 1.9 | 3 | 9 | 2222222222222222 |
| 3 | FRAMBOISIER | 91 | 60 | 33 | 22 | 274 | 19571 | 20643 | 0.6 | 23 | 69 | 333333 |
| 4 | SUREAU | 8 | 5 | 0 | 0 | 6 | 286 | 20929 | 0.4 | 1 | 3 | 4444 |
| 8 | SAULE | 2 | 1 | 0 | 0 | 11 | 786 | 21714 | 1.2 | 3 | 1 | 888888888888 |
| 9 | AULNE | 1 | 1 | 1 | 1 | 0 | 0 | 21714 | 0.0 | 0 | 1 | |
| < | VERGERETTE DU CANADA | 24 | 16 | 4 | 3 | 16 | 1143 | 22857 | 0.8 | 4 | 16 | <<<<<<<< |
| C | CERISIER DE PENNSYLVANIE | 3 | 2 | 1 | 1 | 0 | 0 | 22857 | 0.0 | 0 | 2 | |
| F | SAPIN BAUMIER | 53 | 35 | 37 | 25 | 42 | 3000 | 25857 | 2.0 | 11 | 35 | FFFFFFFFFFFFFFFFFF |
| G | BOULEAU GRIS | 7 | 5 | 1 | 1 | 1 | 71 | 25929 | 0.3 | 1 | 5 | GGG |
| J | PIN GRIS | 22 | 15 | 15 | 10 | 3 | 214 | 26143 | 1.9 | 3 | 15 | JJJJJJJJJJJJJJJJJ |
| K | POUSSE D'ÉRABLE ROUGE | 5 | 3 | 3 | 2 | 0 | 0 | 26143 | 0.0 | 0 | 3 | |
| L | MÉLÈZE | 7 | 5 | 4 | 3 | 4 | 286 | 26429 | 2.4 | 3 | 5 | LLLLLLLLLLLLLLLLLL |
| M | ÉRABLE A SUCRE | 1 | 1 | 0 | 0 | 1 | 71 | 26500 | 0.5 | 1 | 1 | MMMMM |
| N | ESSENCES ÉPICACÉES | 47 | 31 | 5 | 3 | 85 | 6071 | 32571 | 0.3 | 10 | 31 | NNN |
| R | ÉRABLE ROUGE | 21 | 14 | 5 | 3 | 22 | 1571 | 34143 | 1.3 | 6 | 14 | RRRRRRRRRRRR |
| S | ÉPINETTE | 61 | 40 | 22 | 15 | 15 | 1071 | 35214 | 0.6 | 15 | 40 | SSSSSS |
| T | PEUPLIER | 3 | 2 | 0 | 0 | 5 | 357 | 35571 | 0.8 | 3 | 2 | TTTTTTTT |
| U | HERBE - MOINS DE 50% | 26 | 17 | 7 | 5 | 0 | 0 | 35571 | 0.0 | 0 | 17 | |
| V | AUTRES FEUILLUS ORDINAIRES | 40 | 26 | 2 | 1 | 0 | 0 | 35571 | 0.0 | 0 | 26 | |
| W | BOULEAU BLANC | 8 | 5 | 5 | 3 | 1 | 71 | 35643 | 0.5 | 1 | 5 | WWWWW |
| Y | BOULEAU JAUNE | 1 | 1 | 0 | 0 | 0 | 0 | 35643 | 0.0 | 0 | 1 | |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 92 | 61 | 59 | 40 | 57 | 4071 | 35643 | . | . | 61 | |
| | RÉSINEUX COMMERCIAUX | 106 | 70 | 78 | 53 | 64 | 4571 | 35643 | . | . | 70 | |
| | FEUILLUS COMMERCIAUX | 66 | 44 | 15 | 10 | 29 | 2071 | 35643 | . | . | 44 | |
| | ESENCES NON COMMERCIALES | 128 | 85 | 55 | 37 | 406 | 29000 | 35643 | . | . | 85 | |
| | TOUTES LES ESSENCES | 148 | 98 | 148 | 100 | 499 | 35643 | 35643 | . | . | 98 | |
| | FEUILLUS ET ESSENCES NON/COMMEPCIALES | 137 | 91 | 70 | 47 | 435 | 31071 | 35643 | . | . | 91 | |

YORK — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 51 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 14

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | A ÉRABLE DE PENNSYLVANIE | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 6 | |
| 0 | HERBE - PLUS DE 60 % | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 2 | |
| 2 | FOUGORE AIGLE | 33 | 65 | 1 | 2 | 63 | 11250 | 11250 | 0.6 | 9 | 45 | 222222 |
| 3 | FRAMBOISIER | 44 | 86 | 4 | 8 | 144 | 25714 | 36964 | 0.7 | 11 | 66 | 333333 |
| 4 | SUREAU | 15 | 29 | 0 | 0 | 43 | 7679 | 44643 | 0.6 | 5 | 29 | 444444 |
| 6 | NOISETTIER | 3 | 6 | 0 | 0 | 0 | 0 | 44643 | 0.0 | 0 | 6 | |
| 7 | ÉRABLE A ÉPIS | 2 | 4 | 0 | 0 | 2 | 357 | 45000 | 0.8 | 1 | 4 | 77777777 |
| 8 | SAULE | 2 | 4 | 0 | 0 | 0 | 0 | 45000 | 0.0 | 0 | 4 | |
| < | VERGERETTE DU CANADA | 8 | 16 | 0 | 0 | 13 | 2321 | 47321 | 0.5 | 3 | 14 | <<<<< |
| A | FRENE | 1 | 2 | 0 | 0 | 0 | 0 | 47321 | 0.0 | 0 | 2 | |
| B | HETRE | 10 | 20 | 2 | 4 | 5 | 893 | 48214 | 2.3 | 3 | 20 | BBBBBBBBBBBBBBBBBB |
| C | CERISIER DE PENNSYLVANIE | 22 | 43 | 2 | 4 | 15 | 2679 | 50893 | 2.6 | 4 | 43 | CCCCCCCCCCCCCCCCCC |
| F | SAPIN BAUMIER | 8 | 16 | 1 | 2 | 15 | 2679 | 53571 | 0.9 | 2 | 16 | FFFFFFFFF |
| I | BOIS DE FER | 1 | 2 | 0 | 0 | 0 | 0 | 53571 | 0.0 | 0 | 2 | |
| K | POUSSE D'ERABLE ROUGE | 3 | 6 | 2 | 4 | 0 | 0 | 53571 | 0.0 | 0 | 6 | |
| N | ESSENCES ÉRICACÉES | 1 | 2 | 1 | 2 | 14 | 2500 | 56071 | 0.6 | 1 | 2 | NNNNNN |
| R | ÉRABLE ROUGE | 17 | 33 | 2 | 4 | 31 | 5536 | 61607 | 1.0 | 9 | 33 | RRRRRRRRR |
| S | ÉPINETTE | 32 | 63 | 1 | 2 | 13 | 2321 | 63929 | 1.2 | 7 | 63 | SSSSSSSSSS |
| T | PEUPLIER | 20 | 39 | 14 | 27 | 35 | 6250 | 70179 | 1.5 | 6 | 39 | TTTTTTTTTTTTT |
| U | HERBE - MOINS DE 60% | 3 | 6 | 0 | 0 | 0 | 0 | 70179 | 0.0 | 0 | 6 | |
| W | BOULEAU BLANC | 30 | 59 | 21 | 41 | 39 | 6964 | 77143 | 2.8 | 7 | 59 | WWWWWWWWWWWWWWWW |
| Y | BOULEAU JAUNE | 1 | 2 | 0 | 0 | 1 | 179 | 77321 | 0.3 | 1 | 2 | YYY |
| $ | ÉPINETTE ET SAPIN MÉLANGÉS | 36 | 71 | 2 | 4 | 28 | 5000 | 77321 | . | . | 71 | |
| | RÉSINEUX COMMERCIAUX | 36 | 71 | 2 | 4 | 28 | 5000 | 77321 | . | . | 71 | |
| | FEUILLUS COMMERCIAUX | 48 | 94 | 41 | 80 | 111 | 19821 | 77321 | . | . | 94 | |
| | ESENCES NON COMMERCIALES | 51 | 100 | 8 | 16 | 294 | 52500 | 77321 | . | . | 100 | |
| | TOUTES LES ESSENCES | 51 | 100 | 51 | 100 | 433 | 77321 | 77321 | . | . | 100 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 51 | 100 | 49 | 96 | 405 | 72321 | 77321 | . | . | 100 | |

ÉTUDES POSTÉRIEURE AU PROGRAM DE PULVÉRISATION

YORK

RÉGION = TOUTES LES RÉGIONS BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 51

POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 14

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A ÉRABLE DE PENNSYLVANIE | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0.0 | 0 | 2 | |
| 2 | FOUGORE AIGLE | 10 | 20 | 1 | 2 | 12 | 2143 | 2143 | 0.6 | 4 | 20 | ?????? |
| D | FRAMBOISIER | 11 | 22 | 1 | 2 | 0 | 0 | 2143 | 0.0 | 0 | 22 | |
| 7 | ÉRABLE A ÉPIS | 1 | 2 | 1 | 2 | 0 | 0 | 2143 | 0.0 | 0 | 2 | |
| B | HETRE | 3 | 6 | 2 | 4 | 4 | 714 | 2857 | 2.1 | 2 | 6 | BBBBBBBBBBBBBBBBB |
| C | CERISIER DE PENNSYLVANIE | 5 | 10 | 1 | 2 | 1 | 179 | 3036 | 0.7 | 1 | 10 | CCCCCCC |
| F | SAPIN BAUMIER | 12 | 24 | 7 | 14 | 14 | 2500 | 5536 | 1.2 | 1 | 24 | FFFFFFFFFFF |
| K | POUSSE D'ERABLE ROUGE | 1 | 2 | 1 | 2 | 0 | 0 | 5536 | 0.0 | 0 | 2 | |
| R | ÉRABLE ROUGE | 7 | 14 | 2 | 4 | 11 | 1964 | 7500 | 0.8 | 5 | 14 | RRRRRRR |
| S | ÉPINETTE | 39 | 76 | 24 | 49 | 11 | 1964 | 9464 | 1.4 | 8 | 74 | SSSSSSSSSSSS |
| T | PEUPLIER | 2 | 4 | 0 | 0 | 2 | 357 | 9821 | 0.9 | 1 | 4 | TTTTTTTTT |
| U | HERBE - MOINS DE 50% | 4 | 8 | 0 | 0 | 0 | 0 | 9821 | 0.0 | 0 | 8 | |
| W | BOULEAU BLANC | 10 | 20 | 8 | 16 | 7 | 1250 | 11071 | 1.6 | 4 | 20 | WWWWWWWWWWWWWW |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 42 | 82 | 31 | 63 | 25 | 4464 | 11071 | . | . | 82 | |
| | RÉSINEUX COMMERCIAUX | 42 | 82 | 31 | 63 | 25 | 4464 | 11071 | . | . | 82 | |
| | FEUILLUS COMMERCIAUX | 21 | 41 | 13 | 27 | 24 | 4286 | 11071 | . | . | 41 | |
| | ESENCES NON COMMERCIALES | 27 | 53 | 5 | 10 | 13 | 2321 | 11071 | . | . | 53 | |
| | TOUTES LES ESSENCES | 49 | 96 | 49 | 100 | 62 | 11071 | 11071 | . | . | 96 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 36 | 71 | 18 | 37 | 37 | 6607 | 11071 | . | . | 71 | |

CARLETON RÉGION = TOUTES LES RÉGIONS BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 198 POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 63

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | A ÉRABLE DE PENNSYLVANIE | 16 | 8 | 3 | 2 | 10 | 397 | 397 | 0.7 | 6 | 8 | 8888888 |
| 0 | HERBE - PLUS DE 60 % | 13 | 7 | 8 | 4 | 0 | 0 | 397 | 0.0 | 0 | 7 | |
| 2 | FOUGORE AIGLE | 23 | 12 | 6 | 3 | 194 | 7698 | 8095 | 0.6 | 7 | 12 | 222222 |
| 3 | FRAMBOISIER | 169 | 85 | 55 | 28 | 3509 | 139246 | 147341 | 0.7 | 55 | 85 | 3333333 |
| 4 | SUREAU | 28 | 14 | 12 | 6 | 23 | 913 | 148254 | 0.9 | 6 | 14 | 444444444 |
| 5 | VIORNE A FEUILLES D'AULNE | 10 | 5 | 0 | 0 | 11 | 437 | 148690 | 0.2 | 6 | 5 | 55 |
| 6 | NOISETTIER | 10 | 5 | 0 | 0 | 48 | 1905 | 150595 | 0.7 | 4 | 5 | 6666666 |
| 7 | ÉRABLE A ÉPIS | 4 | 2 | 0 | 0 | 21 | 833 | 151429 | 0.6 | 2 | 2 | 777777 |
| 8 | SAULE | 4 | 2 | 2 | 1 | 2 | 79 | 151508 | 0.8 | 1 | 2 | 88888888 |
| 9 | AULNE | 1 | 1 | 0 | 0 | 0 | 0 | 151508 | 0.0 | 0 | 1 | |
| < | VERGERETTE DU CANADA | 22 | 11 | 6 | 3 | 132 | 5238 | 156746 | 0.9 | 10 | 11 | <<<<<<<<<< |
| B | HETRE | 18 | 9 | 1 | 1 | 29 | 1151 | 157897 | 0.5 | 7 | 9 | BBBBB |
| C | CERISIER DE PENNSYLVANIE | 74 | 37 | 47 | 24 | 170 | 6746 | 164643 | 1.0 | 26 | 37 | CCCCCCCCCC |
| F | SAPIN BAUMIER | 53 | 27 | 3 | 2 | 32 | 1270 | 165913 | 0.3 | 17 | 27 | FFF |
| J | PIN GRIS | 58 | 29 | 7 | 4 | 23 | 913 | 166825 | 0.4 | 21 | 29 | JJJJ |
| K | POUSSE D'ERABLE ROUGE | 9 | 5 | 7 | 4 | 32 | 1270 | 168095 | 0.9 | 3 | 5 | KKKKKKKKK |
| M | ÉRABLE A SUCRE | 21 | 11 | 6 | 3 | 38 | 1508 | 169603 | 0.7 | 7 | 11 | MMMMMMM |
| N | ESSENCES ÉRICACÉES | 15 | 8 | 0 | 0 | 98 | 3889 | 173492 | 0.4 | 5 | 8 | NNNN |
| R | ÉRABLE ROUGE | 74 | 37 | 8 | 4 | 109 | 4325 | 177817 | 0.4 | 31 | 37 | RRRR |
| S | ÉPINETTE | 83 | 42 | 3 | 2 | 40 | 1587 | 179405 | 0.3 | 30 | 42 | SSS |
| T | PEUPLIER | 8 | 4 | 3 | 2 | 3 | 119 | 179524 | 0.4 | 2 | 4 | TTTT |
| U | HERBE - MOINS DE 60% | 26 | 13 | 3 | 2 | 0 | 0 | 179524 | 0.0 | 0 | 13 | |
| V | AUTRES FEUILLUS ORDINAIRES | 10 | 5 | 0 | 0 | 0 | 0 | 179524 | 0.0 | 0 | 5 | |
| W | BOULEAU BLANC | 52 | 26 | 13 | 7 | 69 | 2738 | 182262 | 0.6 | 20 | 26 | WWWWW |
| Y | BOULEAU JAUNE | 32 | 16 | 1 | 1 | 35 | 1389 | 183651 | 0.2 | 14 | 16 | YY |
| Z | POUSSE D'ÉRABLE A SUCRE | 4 | 2 | 2 | 1 | 0 | 0 | 183651 | 0.0 | 0 | 2 | |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 102 | 52 | 6 | 3 | 72 | 2857 | 183651 | . | . | 52 | |
| | RÉSINEUX COMMERCIAUX | 142 | 72 | 13 | 7 | 95 | 3770 | 183651 | . | . | 72 | |
| | FEUILLUS COMMERCIAUX | 139 | 70 | 81 | 21 | 315 | 12500 | 183651 | . | . | 70 | |
| | ESENCES NON COMMERCIALES | 194 | 98 | 142 | 72 | 4218 | 167381 | 183651 | . | . | 98 | |
| | TOUTES LES ESSENCES | 196 | 99 | 196 | 100 | 4628 | 183651 | 183651 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 196 | 99 | 183 | 93 | 4533 | 179881 | 183651 | . | . | 99 | |

ÉTUDES POSTÉRIEURE AU PROGRAMME DE PULVÉRISATION

CARLETON — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 196 — POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBRES = 63

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 7 | 4 | 5 | 3 | 1 | 40 | 40 | 0.2 | 1 | 4 | 00 |
| 2 | FOUGORE AIGLE | 16 | 8 | 5 | 3 | 20 | 794 | 833 | 0.6 | 5 | 8 | 222222 |
| 3 | FRAMBOISIER | 43 | 22 | 16 | 9 | 62 | 2460 | 3294 | 0.6 | 15 | 22 | 333333 |
| 4 | SUREAU | 3 | 2 | 2 | 1 | 0 | 0 | 3294 | 0.0 | 0 | 2 | |
| C | VERGERETTE DU CANADA | 7 | 4 | 5 | 3 | 0 | 0 | 3294 | 0.0 | 0 | 4 | |
| B | HETRE | 2 | 1 | 0 | 0 | 0 | 0 | 3294 | 0.0 | 0 | 1 | |
| C | CERISIER DE PENNSYLVANIE | 2 | 1 | 2 | 1 | 4 | 159 | 3452 | 1.0 | 1 | 1 | cccccccccc |
| F | SAPIN BAUMIER | 62 | 31 | 26 | 14 | 38 | 1508 | 4960 | 0.4 | 22 | 31 | FFFF |
| J | PIN GRIS | 63 | 32 | 52 | 29 | 26 | 1032 | 5992 | 0.7 | 23 | 32 | JJJJJJJ |
| K | POUSSE D'ERABLE ROUGE | 7 | 4 | 5 | 3 | 8 | 317 | 6310 | 0.8 | 2 | 4 | KKKKKKKK |
| M | ÉRABLE A SUCRE | 10 | 5 | 3 | 2 | 7 | 278 | 6587 | 0.5 | 3 | 5 | MMMMM |
| R | ÉRABLE ROUGE | 29 | 15 | 11 | 6 | 26 | 1032 | 7619 | 0.3 | 14 | 15 | RRR |
| S | ÉPINETTE | 101 | 51 | 44 | 24 | 49 | 1944 | 9563 | 0.5 | 38 | 51 | SSSSS |
| T | PEUPLIER | 1 | 1 | 1 | 1 | 0 | 0 | 9563 | 0.0 | 0 | 1 | |
| W | BOULEAU BLANC | 6 | 3 | 2 | 1 | 9 | 357 | 9921 | 0.5 | 5 | 3 | WWWW |
| Z | POUSSE D'ÉRABLE A SUCRE | 2 | 1 | 1 | 1 | 0 | 0 | 9921 | 0.0 | 0 | 1 | |
| $ | ÉPINETTE ET SAPIN MÉLANGÉS | 124 | 63 | 70 | 39 | 87 | 3452 | 9921 | . | . | 63 | |
| | RÉSINEUX COMMERCIAUX | 162 | 82 | 122 | 68 | 113 | 4484 | 9921 | . | . | 82 | |
| | FEUILLUS COMMERCIAUX | 52 | 26 | 23 | 13 | 50 | 1984 | 9921 | . | . | 26 | |
| | ESENCES NON COMMERCIALES | 65 | 33 | 35 | 19 | 87 | 3452 | 9921 | . | . | 33 | |
| | TOUTES LES ESSENCES | 180 | 91 | 180 | 100 | 250 | 9921 | 9921 | . | . | 91 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 106 | 54 | 58 | 32 | 137 | 5437 | 9921 | . | . | 54 | |

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 462

POINTS DE CONTRÔLE SERVANT AU COMTE DES ARBES = 126

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0.1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | A ÉRABLE DE PENNSYLVANIE | 3 | 1 | 0 | 0 | 1 | 20 | 20 | 0.5 | 1 | 1 | BBBBB |
| 0 | HERBE - PLUS DE 50 % | 5 | 1 | 1 | 0 | 0 | 0 | 20 | 0.0 | 0 | 1 | |
| 2 | FOUGORE AIGLE | 169 | 37 | 5 | 1 | 422 | 8373 | 8393 | 0.6 | 46 | 37 | 222222 |
| 3 | FRAMBOISIER | 447 | 97 | 108 | 24 | 5425 | 107639 | 116032 | 0.9 | 117 | 97 | 333333333 |
| 4 | SUREAU | 67 | 15 | 10 | 2 | 58 | 1151 | 117183 | 0.8 | 19 | 15 | 44444444 |
| 5 | VIORNE A FEUILLES D'AULNE | 6 | 1 | 0 | 0 | 14 | 278 | 117460 | 0.5 | 3 | 1 | 55555 |
| 6 | NOISETTIER | 17 | 4 | 4 | 1 | 45 | 893 | 118353 | 1.1 | 5 | 4 | 66666666666 |
| 7 | ÉRABLE A ÉPIS | 84 | 18 | 20 | 4 | 173 | 3433 | 121786 | 1.0 | 25 | 18 | 7777777777 |
| 8 | SAULE | 6 | 1 | 3 | 1 | 11 | 218 | 122004 | 1.5 | 4 | 1 | 888888888888888 |
| 9 | AULNE | 2 | 0 | 1 | 0 | 16 | 317 | 122321 | 1.2 | 2 | 0 | 999999999999 |
| < | VERGERETTE DU CANADA | 216 | 47 | 55 | 12 | 589 | 11687 | 134008 | 1.1 | 56 | 47 | <<<<<<<<<<< |
| A | FRENE | 12 | 3 | 2 | 0 | 9 | 179 | 134187 | 0.9 | 4 | 3 | AAAAAAAAA |
| B | HETRE | 1 | 0 | 0 | 0 | 0 | 0 | 134187 | 0.0 | 0 | 0 | |
| C | CERISIER DE PENNSYLVANIE | 204 | 44 | 148 | 32 | 311 | 6171 | 140357 | 1.5 | 59 | 44 | CCCCCCCCCCCCCC |
| F | SAPIN BAUMIER | 95 | 21 | 27 | 6 | 115 | 2282 | 142639 | 0.7 | 22 | 21 | FFFFFFF |
| K | POUSSE D'ERABLE ROUGE | 6 | 1 | 2 | 0 | 13 | 258 | 142897 | 1.1 | 1 | 1 | KKKKKKKKKK |
| M | ÉRABLE A SUCRE | 2 | 0 | 0 | 0 | 2 | 40 | 142937 | 0.9 | 1 | 0 | MMMMMMMM |
| N | ESSENCES ÉRICACÉES | 46 | 10 | 5 | 1 | 373 | 7401 | 150337 | 0.8 | 16 | 10 | NNNNNNN |
| R | ÉRABLE ROUGE | 40 | 9 | 9 | 2 | 42 | 833 | 151171 | 1.5 | 10 | 9 | RRRRRRRRRRRRR |
| S | ÉPINETTE | 292 | 63 | 11 | 2 | 98 | 1944 | 153115 | 0.5 | 85 | 63 | SSSSS |
| T | PEUPLIER | 19 | 4 | 4 | 1 | 7 | 139 | 153254 | 1.0 | 5 | 4 | TTTTTTTTTT |
| U | HERBE - MOINS DE 50% | 130 | 28 | 6 | 1 | 0 | 0 | 153254 | 0.0 | 0 | 28 | |
| W | BOULEAU BLANC | 122 | 26 | 33 | 7 | 107 | 2123 | 155377 | 1.1 | 28 | 26 | WWWWWWWWW |
| Y | BOULEAU JAUNE | 25 | 5 | 1 | 0 | 6 | 119 | 155496 | 0.4 | 5 | 5 | YYYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 4 | 1 | 2 | 0 | 0 | 0 | 155496 | 0.0 | 0 | 1 | |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 320 | 69 | 38 | 8 | 213 | 4226 | 155496 | . | . | 69 | |
| | RÉSINEUX COMMERCIAUX | 320 | 69 | 38 | 8 | 213 | 4226 | 155496 | . | . | 69 | |
| | FEUILLUS COMMERCIAUX | 186 | 40 | 53 | 12 | 186 | 3690 | 155496 | . | . | 40 | |
| | ESENCES NON COMMERCIALES | 458 | 99 | 366 | 80 | 7438 | 147579 | 155496 | . | . | 99 | |
| | TOUTES LES ESSENCES | 458 | 99 | 457 | 100 | 7837 | 155496 | 155496 | . | . | 99 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 458 | 99 | 419 | 92 | 7624 | 151270 | 155496 | . | . | 99 | |

RESTIGOUCHE-TOBIQUE — RÉGION = TOUTES LES RÉGIONS — BLOC = TOUS LES BLOCS

PARCELLES (4M²) SOUMISES À L'ÉTUDE = 485 — POINTS DE CONTRÔLE SERVANT AU COMPTE DES ARBRES = 140

| SYMBOLE | NOM DE L'ESSENCE | PARCELLES AUX PEUPLEMENTS VOULUS | % | PARCELLES AVEC DOMINANCE D'ESSENCE | % TOUTES PARC. FEUIL. ORD. DOM. | NOMBRE D'ARBRES | DENSITÉ ARBRES PAR HA | DENSITÉ CUM. | DOM.MOY EN HAUTEUR | NOMBRE D'ARBRES MESURÉS EN HAUTEUR | % | CHAQUE SYMBOLE = 0,1 M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | A ÉRABLE DE PENNSYLVANIE | 1 | 0 | 1 | 0 | 2 | 36 | 36 | 1.6 | 1 | 0 | 0000000000000000 |
| 0 | HERBE - PLUS DE 60 % | 1 | 0 | 0 | 0 | 0 | 0 | 36 | 0.0 | 0 | 0 | |
| 2 | FOUGORE AIGLE | 17 | 4 | 0 | 0 | 49 | 875 | 911 | 0.4 | 0 | 6 | 2222 |
| 3 | FRAMBOISIER | 378 | 78 | 139 | 29 | 1273 | 22732 | 23643 | 0.7 | 110 | 78 | 3333333 |
| 4 | SUREAU | 30 | 6 | 7 | 1 | 15 | 268 | 23911 | 0.5 | 9 | 6 | 44444 |
| 5 | VIORNE A FEUILLES D'AULNE | 1 | 0 | 0 | 0 | 1 | 18 | 23929 | 0.2 | 1 | 0 | 55 |
| 6 | NOISETTIER | 2 | 0 | 0 | 0 | 1 | 18 | 23946 | 0.4 | 1 | 0 | 6666 |
| 7 | ÉRABLE A ÉPIS | 18 | 4 | 9 | 2 | 17 | 304 | 24250 | 1.4 | 8 | 6 | 7777777777777 |
| 8 | SAULE | 8 | 2 | 6 | 1 | 4 | 71 | 24321 | 1.0 | 3 | 2 | 888888888 |
| < | VERGERETTE DU CANADA | 175 | 36 | 77 | 16 | 336 | 6000 | 30321 | 0.6 | 55 | 36 | <<<<<< |
| C | CERISIER DE PENNSYLVANIE | 27 | 6 | 8 | 2 | 16 | 286 | 30607 | 0.7 | 9 | 6 | CCCCCCC |
| E | CEDRE | 1 | 0 | 0 | 0 | 0 | 0 | 30607 | 0.0 | 0 | 0 | |
| F | SAPIN BAUMIER | 103 | 21 | 64 | 13 | 86 | 1536 | 32143 | 0.7 | 28 | 21 | FFFFFFF |
| K | POUSSE D'ERABLE ROUGE | 15 | 3 | 5 | 1 | 10 | 179 | 32321 | 0.8 | 4 | 3 | KKKKKKKK |
| M | ÉRABLE A SUCRE | 2 | 0 | 1 | 0 | 1 | 18 | 32339 | 1.3 | 1 | 0 | MMMMMMMMMMMM |
| N | ESSENCES ÉRICACÉES | 279 | 58 | 10 | 2 | 692 | 12357 | 44696 | 0.2 | 71 | 58 | NN |
| R | ÉRABLE ROUGE | 21 | 4 | 8 | 2 | 16 | 286 | 44982 | 1.0 | 10 | 4 | RRRRRRRRR |
| S | ÉPINETTE | 323 | 67 | 114 | 23 | 110 | 1964 | 46946 | 0.6 | 95 | 67 | SSSSSS |
| T | PEUPLIER | 9 | 2 | 0 | 0 | 2 | 36 | 46982 | 0.3 | 2 | 2 | TTT |
| U | HERBE - MOINS DE 60% | 42 | 9 | 1 | 0 | 0 | 0 | 46982 | 0.0 | 0 | 9 | |
| V | AUTRES FEUILLUS ORDINAIRES | 123 | 25 | 26 | 5 | 0 | 0 | 46982 | 0.0 | 0 | 25 | |
| W | BOULEAU BLANC | 32 | 7 | 7 | 1 | 15 | 268 | 47250 | 0.5 | 8 | 7 | WWWW |
| Y | BOULEAU JAUNE | 4 | 1 | 2 | 0 | 2 | 36 | 47286 | 0.3 | 1 | 1 | YYY |
| Z | POUSSE D'ÉRABLE A SUCRE | 3 | 1 | 2 | 0 | 4 | 71 | 47357 | 1.1 | 1 | 1 | ZZZZZZZZZZ |
| S | ÉPINETTE ET SAPIN MÉLANGÉS | 363 | 75 | 178 | 37 | 196 | 3500 | 47357 | . | . | 75 | |
| | RÉSINEUX COMMERCIAUX | 363 | 75 | 178 | 37 | 196 | 3500 | 47357 | . | . | 75 | |
| | FEUILLUS COMMERCIAUX | 185 | 38 | 51 | 10 | 50 | 893 | 47357 | . | . | 38 | |
| | ESENCES NON COMMERCIALES | 463 | 95 | 258 | 53 | 2406 | 42964 | 47357 | . | . | 95 | |
| | TOUTES LES ESSENCES | 488 | 101 | 487 | 100 | 2652 | 47357 | 47357 | . | . | 101 | |
| | FEUILLUS ET ESSENCES NON/COMMERCIALES | 465 | 96 | 309 | 63 | 2456 | 43857 | 47357 | . | . | 96 | |